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IN THE CIRCUIT COURT OF THE UNITED STATES FOR THE EASTERN DIVISION OF THE EASTERN JUDICIAL DISTRICT OF MISSOURI

UNITED STATES OF AMERICA, PETITIONER,

v.

STANDARD OIL COMPANY OF NEW JERSEY ET AL., DEFENDANTS

DEFENDANTS' EXHIBITS

On behalf of the defendants:

Mr. JOHN G. MILBURN, Mr. MORITZ ROSENTHAL
Mr. JOHN S. MILLER, Mr. M. F. ELLIOTT, Mr. MARTIN CAREY, Mr. F. L. CRAWFORD, Mr. DOUGLAS CAMPBELL, Mr. C. W. MARTYN.

On behalf of the petitioner:

Mr. FRANK B. KELLOGG, Mr. C. B. MORRISON
Mr. J. HARWOOD GRAVES

VOLUME 18

WASHINGTON
GOVERNMENT PRINTING OFFICE
1909

DEFENDANTS' EXHIBIT 1.

List of shareholders of Standard Oil Company (New Jersey) under date of August 19, 1907.

RECAPITULATION.

	Shares.
A	23,470
B	62,967
C	26,786
D	11,071
E	9,188
F	47,873
G	12,514
H	140,218
I	401
J	25,271
K	7,994
L	28,469
M	53,098
N	3,336
O	5,247
P	118,099
Q	94
R	290,234
S	32,837
T	26,144
U	8,899
V	5,031
W	40,923
Y	2,958
Z	261
Total	983,383

Mrs. Hannah B. Abbe, New Bedford, Mass	35
Mrs. Mary Laimbeer Abbot, 5 First pl., Brooklyn, N. Y	71
Mrs. Ada Murray Abell, 348 West 58th st., N. Y. City	9
Mrs. M. U. Abercrombie, Greenfield, Mass	9
Adele B. Acker, 117 West 75th st., N. Y. City	2
Mr. Chas. L. Acker, 200 Broadway, N. Y. City	1
Louise Acker, 117 West 75th st., New York City	2
Mr. Harry Ackerland, care of Fleischmann Distill'g Co., 301 Market st., Pittsb'g, Pa	11
Mr. Max Ackerland, 308 Elm st., Cincinnati, Ohio	44
Mr. William Ackerland, 308 Elm st., Cincinnati, Ohio	20
Mr. C. F. Ackermann, 86 Pierrepont st., Brooklyn, N. Y	200
Mr. Fred'k T. Ackermann, 20 Broad st., N. Y. City	10
Mess. Ackermann & Coles, 20 Broad st., N. Y. City	4,000
Mr. J. B. Ackerson, 89 Passaic ave., Passaic, N. J	10
Miss Eliza Acres, 633 Congress st., Portland, Maine	7
Mr. A. A. Adams, care of Mr. Allen Wardwell, room 801, Building	2
Mrs. Addie L. Adams, box 83, E. Cleveland, Cuyahoga Co., Ohio	2
Mr. C. M. Adams, care of Waters-Pierce Oil Co., St. Louis, Mo	240
Mr. Charles Adams, care of Mr. T. J. Curran, 20 Nassau st., N. Y. City	3

	Shares.
Mrs. Grace Gibson Adams, care of Mr. F. D. Adams, Lyceum Bldg., Duluth, Minn	6
Mr. H. M. Adams, Glen Cove, L. I	10
Miss Irene Adams, 314 Washington ave., Brooklyn, N. Y	15
Mrs. Mary L. Adams, 143 Boulevard, Passaic, N. J	2
Mrs. Susan B. Adams, 1 West 72nd st., N. Y. City	129
Mrs. Margaret J. Addicks, The Dorilton, B'way & 71st st., N. Y. City	15
Mr. Chas. Adler, care of F. Adler, 329 W. Baltimore st., Baltimore, Md	10
Mr. Frederic J. Adgate, 222 W. 59th st., N. Y. City	10
Mrs. Helen W. Adgate, 222 West 59th st., N. Y. City	10
Mr. B. S. Agnew, care of Borne-Scrymser Co., 80 South st., N. Y. City	10
The Agricultural Nat. Bank of Pittsfield, Pittsfield, Mass	15
Albany Hospital, Mr. Dudley Olcott, treas., care of Mechanics & Farmers' Bk., Albany, N. Y	25
Mr. Howard W. Albro, 122 Fifth ave., N. Y. City	60
Mrs. Mary C. Alderson, Charleston, W. Va	5
Mr. Alton E. Carr, gdn. of Cora H. Aldrich, 26 Mansfield st., Allston, Mass.	3
Mr. Frederick T. Aldridge, Temple Bar, Brooklyn, N. Y	10
Mrs. Caroline B. Alexander, Castle Point, Hoboken, N. J	20
Mrs. Elizabeth Alexander, 810 North Broad st., Elizabeth, N. J	1
Mr. J. H. Alexander, room 607, Building	700
Mr. John F. Alexander, jr., Saxtons River, Vt	1
Mrs. Laura V. Alexander, care of Mrs. M. L. Buchenberger, 446 Greene ave., B'klyn, N. Y	15
Allegheny College, Meadville, Crawford Co., Pa	25
Mr. Alvoni R. Allen, 55 Bentley ave., Jersey City, N. J	1
Mr. Andrew Hussey Allen, care Second Natl. Bank, 5th ave. & 23rd st., N. Y. City	5
Mr. Benjamin Allen, 131 Wabash ave., Chicago, Ills	200
Mrs. C. A. W. Allen, care of Mr. Roger W. Allen, 13 Astor pl., N. Y. City	4
Mr. Charles G. Allen, care of Portland Natl. Bank, Portland, Maine	3
Miss Emily Allen, care of Mr. John DeHart, 1637 Fox st., N. Y. City	2
Mrs. Emily B. Allen, care of Mr. J. W. Allen, room 627, 42 Broadway, N. Y. City	25
Mrs. Emma E. Allen, 765 Carroll st., Brooklyn, N. Y	5
Mrs. Grace Laflin Allen, 19 Jay st., N. Y. City	4
Mr. Amory E. Rowland, est. of J. G. Allen, 413 Chapel st., New Haven, Conn	100
Mrs. Julia H. Allen, care of Mr. E. S. Allen, 24 Park pl., N. Y. City	2
Mr. Martin S. Allen, 19 Jay st., N. Y. City	10
Mrs. Paula Allen, 746 St. Nicholas ave., New York City	2
Mr. Theodore B. Allen, care of Natl. City Bank, Brooklyn, N. Y	160
Mr. Wm. L. Allen, 19 Jay st., N. Y. City	6
Mr. Z. Nelson Allen, 19 Jay st., New York City	10
Mr. Stephen B. Aller, 156 Broadway, N. Y. City	10
Mrs. Julia C. Alling, care of Mr. A. W. Conklin, German Natl. Bank, Newark, N. J	25
Mr. Noyes E. Alling, Pittsfield, Mass	5
Mr. William O. Allison, 100 William st., N. Y. City	77
Miss Sarah Helen Almy, 21 Fairview ave., Orange, N. J	2
Mrs. Mary L. Alverson, 1027 23rd st., San Diego, Cal	12
Mrs. Henrietta Alvis, 205 East 61st st., N. Y. City	1
Mrs. Elenore Amend, 33 West 81st st., New York City	40
Mr. Frank T. Moulton, treas., Am. Bapt. Home Mission Soc., 312 4th ave., N. Y. City	120
Mr. E. P. Coleman, treas'r, Am. Bapt. Missionary Union, Tremont Tpl., Boston, Mass	120
Trustees for Anna C. Ames, 94 Ames Bldg., Boston, Mass	14
Trustees for Evelyn Ames, 94 Ames Bldg., Boston, Mass	3
Mr. Joseph B. Ames, 113 Devonshire st., Boston, Mass	3
Trustees for Oakes Ames, 94 Ames Bldg., Boston, Mass	4
Trustees for William H. Ames, 94 Ames Bldg., Boston, Mass	3
Mr. James Amm, care of Mess. W. M. Patteson & Co., 25 Broad st., N. Y. City	1166
Mess. J. M. Amory & Son, 30 Broad st., N. Y. City	500
Mr. A. Anderson, St. Augustine, Fla	857

	Shares.
Mr. C. W. Anderson, 220 Broadway, New York City	10
Mrs. Elizabeth Kilgour Anderson, 1530 K st., Washington, D. C	32
Mrs. Elizabeth S. Anderson, St. Augustine, Fla	15
Mrs. Julia W. Anderson, 309 East 4th st., Cincinnati, Ohio	537
Mrs. Marguerite T. Anderson, 306 Lafayette ave., Clifton, Cincinnati, Ohio	4
Mrs. Mary C. Anderson, 309 East 4th st., Cincinnati, Ohio	5
Mr. Peter O. Anderson, 797 Carroll st., Brooklyn, N. Y	10
Mr. Vachel W. Anderson, 309 East 4th st., Cincinnati, Ohio	125
Messrs. Anderson & Powell, 203 Traction Bldg., Cincinnati, Ohio	30
Blanche Landgraf Andrews, care of Butler, Notman, Joline & Mynderse, 45 Wall st., City	4
Mrs. Ella Reed Andrews, 256 West 57th st, N. Y. City	20
Mr. John B. Robinson, trustee for Frances A. Andrews, Oxford, Maine	4
Mr. Oliveira Andrews, 621 St. Paul st., Baltimore, Md	20
Est. of Samuel Andrews, Laurel House, Lakewood, N. J	1,050

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Mr. J. E. Andrus, 299 Broadway, New York City	1,244
Mr. Roberdeau Annan, Frostburg, Md	10
Mr. Charles W. Anthes, care of Mr. A. M. McGregor, Mamaroneck, N. Y	14
Mr. Jerome Antoniazzi, care of Jones & Shutt, 71 Wall st., N. Y. City	9
Mrs. Jessie P. Apgar 54 Glenwood ave., Jersey City, N. J	10
Francis Henry Appleton, jr., 251 Marlboro st., Boston, Mass	1
Mrs. Ina A. Arbecam, 37 Mill st., Harrison sq, Dorchester, Mass	30
Mr. J. D. Archbold, room 1306, Building	6,000
Mr. John F. Archbold, room 1306, Building	100
Miss Mary A. Archer, 1834 St. Paul st., Baltimore, Md	1
Mr. Otto Arens, 1052 Rahway road, Plainfield, N. J	200
Mrs. Hattie L. Arguimbau, 178 Water st., New York City	10
Mr. R. Arkush, care of Willard Hawes & Co., 201 Lewis st., New York City	25
Mrs. Caroline A. Armstrong, 5148 Wayne ave., Germantown, Phila., Pa	35
Mr. Chas. H. Armstrong, care of Armstrong Mfg. Co., Bridgeport, Conn	10
Mr. David N. Armstrong, 110 William st., Bridgeport, Conn	3
Mrs. Elizabeth Armstrong, 110 William st., Bridgeport, Conn	30
Mr. John H. Armstrong, care of Mess. Brokaw Brothers, 26 Astor pl., N. Y. City	100
Fidelity Trust Co., Tr. for Lyda S. Armstrong, 206 5th st., Louisville, Ky	28
Miss Mary Jane Armstrong, care of Mr. J. P. Lee, 25 Broad st., N. Y. City	1
Mrs. Annie S. Arnold, care of Mr. Harris D. Colt, 30 Broad st., N. Y. City	10
Mr. E. D. Arnold, room No. 1107, Building	60
Mrs. Eugenia Arnold, 106 Genesee st., Lockport, N. Y	250
Mrs. Harriette M. Arnold, care of Arnold, Constable & Co., 115 5th ave., N. Y. City	1,000
Mr. Hugh A. Arnold, 718 Madison ave., Albany, N. Y	10
Mrs. Marie Arnold, 208 East 61st st., N. Y. City	13
Mr. Oscar M. Arnold, 23 West 90th st., N. Y. City	1
Mr. Richard Arnold, 208 East 61st st., N. Y. City	66
Mr. Wm. F. Arnold, Plainfield, N. J	29
Mr. M. H. Arnot, care of Chemung Canal Bank, Elmira, N. Y	120
Mrs. Fannie Aronstein, care of Est. Max Weil, 150 Broadway, N. Y. City	10
Mrs. Laura L. Arter, Charleston, W. Va	13
Mrs. Susan Arter, 3692 Euclid ave., East Cleveland, Ohio	90
Mrs. Lizzie W. Artz, 1141 N. Main st., Dayton, Ohio	10
Mr. F. D. Asche, room 106, Building	5
Mrs. Gertrude A. Ashbrook, 3609 Spring Garden st., Philadelphia, Pa	36
Mr. H. R. Ashbrook, 17 Spitzer Bldg., Toledo, Ohio	5
Mr. Maurice C. Ashley, Middletown, N. Y	10
Mrs. Lillian L. Ashmun, 110 William st., Bridgeport, Conn	31
Mess. J. M. Askin & Co., Peoples Bldg., Pittsburg, Pa	10
Mrs. Marie D. Aspell, 206 West 86th st., N. Y. City	10
Miss Seddie B. Aspell, 206 West 86th st., New York City	3
Miss Eliza M. Aspinwall, care of Mr. J. L. Aspinwall, 320 5th ave., N. Y. City	8

	Shares
Miss Mary A. Aspinwall, care of Mr. J. L. Aspinwall, 320 5th ave., N. Y. City	4
Mr. William G. Atkinson, 222 Broadway, N. Y. City	20
Est. of George M. Atwater, 14 Front st., Springfield, Mass	20
Mrs. Emma B. Auchincloss, care of Mr. H. D. Auchincloss, P. O. Box 2, N. Y. City	2,360
Mrs. Bertha R. Auerbach, 2856 Steiner st., San Francisco, Cal	3
Mrs. Ida M. Ault, care of Mr. L. A. Ault, New 7th & Culbert sts., Cincinnati, O	20
Mrs. Ann Eliza Austin, Uniontown, Fayette Co., Pa	13
Mr. A. Plumer Austin, Uniontown, Fayette Co., Pa	13
Mr. Harry M. Austin, 40 Wall st., New York City	20
Mrs. Mabel Hatch Austin, 257 West 74th st., N. Y. City	10
Mr. Richard W. Austin, Uniontown, Fayette Co., Pa	13
Mr. Walter Austin, care of Mr. Herbert Austin, 102 North st., Boston, Mass	3
Mrs. Belle C. Averill, Perrysburgh, Wood Co., Ohio	60
Mr. E. P. Averill, Perrysburgh, Wood Co., Ohio	50
Mr. Ralph Avery, care of Merchants Nat. Bank, Cincinnati, Ohio	2
Mr. Wm. R. Avery, Canastota, N. Y	3
Mr. Edward H. Ayer, 295 31st st., Chicago, Ill	1
Mrs. Hattie L. Ayer, 295 31st st., Chicago, Ill	1
Mr. Charles H. Ayers, 87 Hamilton pl., N. Y. City	10
Mrs. Mary V. Ayers, 219 West 44th st., N. Y. City	19
Mr. O. H. Ayers, care of Allen Wardwell, room 801, Building	10
Babbott, Frank L., 346 Broadway, N. Y. City	250
Mr. Charles H. Babcock, Franklin, Pa	2
Mr. F. W. Babcock, 129 Waterman st., Providence, R. I	3
F. W. Babcock, trustee	4
Mrs. Mary W. Babcock, 115 Llewellyn road, Montclair, N. J	150
Mess. Babcock, Rushton & Louderback, 18 Wall st., N. Y. City	40
Mrs. Hattie S. Bache, care of Mess. J. S. Bache & Co., 66 Exchange pl., N. Y. City	1
Mr. Jules S. Bache, 45 Exchange pl., N. Y. City	25
Mess. J. S. Bache & Co., 45 Exchange pl., New York City	40
Mr. Headley N. Backhouse, 5 Rue de la Paix, Paris, France	30
Mrs. Mary K. Backus, 766 North Orange Grove av., Pasadena, Cal	13
Mr. Raymond B. Backus, 766 North Orange Grove ave., Pasadena, Cal	13
Mrs. Clara Russell Bacon, 25 West 38th st., N. Y. City	40
Mr. George W. Bacon, Wyncote, Pa	1
Mr. Frederick Bahr, box 106, Rockville Center, L. I	1
Mr. Edmund S. Bailey, 31 Nassau st., New York City	30
Mr. Frank Bailey, 171 Remsen st., Brooklyn, N. Y	50
Mr. Frank H. Bailey, 15 Halsey st., Brooklyn, N. Y	4
Mr. Reade W. Bailey, trustee, 921 College ave., Pittsburg, Pa	7
Mr. John M. Bailey, 93 State st., Albany, N. Y	50
Mrs. Katharine L. Bailey, 158 West 75th st., New York City	17
Mrs. Sarah T. Bailey, 5 Monroe pl., Brooklyn, N. Y	43
L. I. Loan & Trust Co., Temple Bar, Brooklyn, N. Y	66
Mr. William V. Bailey, 153 Dauphine st., Mobile, Ala	5
Mr. Jean Pierre Bailhe, Sedgwick & Lind aves., Bronx, N. Y	35
Mrs. Caroline L. Bailly, care of A. B. Mers, 255 W. 122nd st., N. Y. City	4
Mrs. Emma Bailly, care of A. B. Mers, 255 W. 122nd st., N. Y. City	4
Mr. Hugh A. Bain, P. O. box 931, N. Y. City	2
Mr. James F. Bain, Greenwich, Conn	6
Mr. Chas. W. Baker, 71 Broadway, N. Y. City	180
Miss Esther H. Baker, 179 Hope st., Providence, R. I	50
Mrs. Frances E. Baker, 815 Fifth ave., N. Y. City	50
Mr. George F. Baker, First Natl. Bank, N. Y. City	100
Mrs. J. R. Baker, care of Walter C. Baker, 1467 Euclid ave., Cleveland, Ohio	50
Mrs. Mary H. Baker, care of Mrs. C. W. Baker, Reading rd., near Oak st., Cincinnati, Ohio	1
Mrs. Sarah G. Baker, 108 Tilden ave., Cleveland, Ohio	26

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	Shares.
Mr. Thorne Baker, 818 Union Trust Bldg., Cincinnati, Ohio	1
Est. of Anna B. Balch, cor. Centre & South sts., Jamaica Plain, Mass	7
Miss Susan W. Balch, 5 Myrtle st., Jamaica Plain, Mass	4
Mr. F. A. R. Baldwin, room 516, Commonwealth Bldg., Allentown, Pa	150
F. H. Baldwin, P. O. Box 492 Cincinnati, Ohio	50
Mr. Frederick H. Baldwin, 150 6th ave., Brooklyn, N. Y	5
Mrs. Mary M. Baldwin, care of Mr. Frank L. Polk, 32 Nassau st., N. Y. City	100
Mrs. Myra H. Baldwin, 150 Sixth ave., Brooklyn, N. Y	5
Miss Sarah R. Baldwin, 717 Park ave., Baltimore, Md	10
Mr. Walter Baldwin, Wyoming, Hamilton Co., Ohio	30
Mrs. Mary A. Balfe, Newburgh, N. Y	20
Mrs. Florence G. Ball, 23 Bay State road, Boston, Mass	10
Mr. Thomas R. Ball, 60 West 23rd st., N. Y. City	50
Est. of John H. Ballantine, Newark, N. J	200
Mr. W. S. Ballou, P. O. Box 308, Providence, R. I	40
Mrs. Lillian G. Bamberger, care of Mess. A. A. Housman & Co., 20 Broad st., N. Y. City	2
Mr. Eben D. Bancroft, Hopedale, Mass	20
Mr. Joseph B. Bancroft, Hopedale, Mass	150
Mr. Wilder D. Bancroft, Ithaca, N. Y	225
Mr. A. Bleecker Banks, 473 Broadway, Albany, N. Y	50
Miss Caroline Mesnarde Banks, 56 E. Putnam ave., Greenwich, Conn	4
Miss Jessie Banks, Greenwich, Conn	4
Mrs. Ellen M. Bannon, 109 East 55th st., New York City	10
Mr. Wm. H. Barbee, Georgetown, Ky	12
Miss Adelaide Louise Barber, Wauseon, Ohio	25
Mr. Ed. L. Barber, Wauseon, Ohio	25
Mr. John W. Barber, 66 Summit st., Newton, Mass	2
Miss Mary J. Barber, care of H. G. Campbell & Co., 11 Wall st., New York City	2
Mrs. Theodotia M. Barber, 770A Putnam ave., Brooklyn, N. Y	10
Mr. J. E. Barbour, care of Barbour Flax Spinning Co., Paterson, N. J	10
Mess. Barbour & Co., 25 Broad st., New York City	5
Mrs. Priscilla D. Barclay, 2d National Bank, New York City	50
Mr. John F. Barker, 86 Sherman st., Springfield, Mass	10
Mrs. Julia K. Barker, care of Kinnicutt & De Witt, Worcester, Mass	13
Miss Mary C. Barker, 275 Central Park West, New York City	5
Mrs. Annie E. Barnaby, 120 West 57th st., New York City	40
Mr. A. V. Barnes, 100 Washington st., New York City	10
Cora F. Barnes, care of Farmers' Loan & Trust Co., 22 William st., New York City	100
Mr. E. H. Barnes, room 1006, Building	10
Miss Harriet Isabella Barnes, care of Rochester Trust & S. Dep. Co., Rochester, N. Y	3
Mr. W. H. Barnes, 252 Broad St. Station, Philadelphia, Pa	700
Miss Adella Barnsley, Bethayres, Pa	8
Mrs. Elisabeth R. Barnsley, Newtown, Bucks Co., Pa	30
Mrs. Mary E. Barnsley, Newtown, Pa	6
Mrs. Ellena S. Barr, Haverhill st., Lawrence, Mass	2
Mr. Thomas T. Barr, 26 Court st., Brooklyn, N. Y	10
Messrs. Barr & Hearns, 6 Wall st., N. Y. City	10
Mr. C. S. Barrett, 41 Barclay st., New York City	20
Mr. John J. Barrett, Belhaven, N. C	4
Mr. John W. Barrett, 90 Wall st., New York City	20
Mr. Alexander Barrie, 44 Stone st., N. Y. City	50
Mr. Clarence W. Barron, Boston, Mass	5
Mrs. Mary L. Barron, 90 High st., Newburyport, Mass	5
Miss Margaret D. B. Barrow, 113 East 72nd st., N. Y. City	1
Mr. Edmund D. Barry, 524 Frick Bldg., Pittsburg, Pa	50
Miss Elizabeth C. Barry, care of Mr. E. N. Capen, 61 Broad st., Boston, Mass	3
Mrs. Elizabeth M. Barry, 1331 Franklin ave., New York City	100
Mrs. Elizabeth S. Barry, care of Mr. E. N. Capen, 50 Congress st., Boston, Mass	60

	Shares
Mr. John J. Barry, 1331 Franklin ave., New York City	11
Mrs. Sarah J. Barry, Passaic, N. J	6
Mr. Shelton Barry, care of Mr. E. N. Capen, 61 Broad st., Boston, Mass	
Mr. F. Q. Barstow, room 1306, Building	35
Mr. J. P. Barstow, P. O. Box 229, Providence, R. I	2
Mr. Wm. A. Barstow, room 515, Building	1
Mrs. Amanda Bartholomew, 315 West 6th ave., care of Mr. J. F. Norton, Topeka, Kans	
Mr. J. J. Bartlett, Greenport, Suffolk Co., N. Y	
Mr. E. A. Bartmess, care of Standard Oil Co., Yonkers, N. Y	2
Mr. Max B. Bartmess, 44 Pine st., Yonkers, N. Y	
Miss Sarah J. Bartram, Black Rock, Conn	5
Mr. Alfred Batcheller, care of Freemans Natl. Bank, Sumner st., Boston Mass	1
Mrs. Emma W. Batcheller, care of Freeman's Natl. Bank, Sumner st., Boston, Mass	3
Mr. Chas. Batchelor, 33 West 25th st., N. Y. City	
Mrs. Emma E. Batchelor, 33 West 25th st., N. Y. City	
Mrs. Rosa M. Batchelor, 33 West 23rd st., N. Y. City	
Mr. William R. Bateman, 10 High st., Boston, Mass	1
Mrs. Isabel Bates, 140 Aycrigg ave., Passaic, N. J	2
Estate of James H. Bates, *Franklin Trust Co., Brooklyn, N. Y	20
Mrs. Mary E. Bates, 219 East 31st st., N. Y. City	1
Mrs. Mary Field Bates, 64 Remsen st., Brooklyn, N. Y	3
Mrs. Louisa V. R. Baylies, care of Mr. Edmund L. Baylies, 54 Wall st., N. Y. City	2
Mrs. Adelaide E. Baylis, care of Baylis & Co., 15 Wall st., N. Y. City	5
Mr. William Baylis, 15 Wall st., N. Y. City	10
Mess. Baylis & Co., 15 Wall st., N. Y. City	
Mrs. A. B. Bayliss, Titusville, Pa	
Mrs. Ellen B. Bayliss, care Mr. Lucien S. Bayliss, 76 William st., N. Y. City	
Mr. H. Bayliss, 45 Broadway, N. Y. City	1
Mrs. Emily Bayne, Riverside Drive & 108th st., N. Y. City	1
Mr. Howard Bayne, 26 Nassau st., N. Y. City	2

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Mr. S. G. Bayne, care of Seaboard Natl. Bank, 18 Broadway, N. Y. City	11
Mess. S. G. Bayne & Co., 18 Broadway, N. Y. City	30
Mr. James E. Beach, Bridgeport, Conn	
Mr. Madison W. Beacom, 205 City Hall, Cleveland, Ohio	
Mrs. Mary E. Beadle, care of Mr. H. B. Parsons, 105 Hudson av., Albany, N. Y	
Mrs. Edith Beadleston, 25 West 51st st., N. Y. City	3
Mrs. Susan A. Beadleston, 25 West 51st st., N. Y. City	14
Mr. Wm. R. Beal, 350 Alexander ave., N. Y. City	40
Mrs. Lillian S. Beardsley, 315 West 74th st., N. Y. City	10
Mrs. Marie Wilson Beardsley, 200 Riverside Drive, N. Y. City	3
Mr. W. H. Beardsley, room 1200, building	993
Mrs. Eva Townsend Beattie, Salem, N. Y	5
Mrs. Mneatha Strong Beatty, 215 Farmers Bank Bldg., Pittsburg, Pa	11
Mr. David W. Beaty, Warren, Pa	110
Mr. O. W. Beaty, Warren, Pa	150
Mrs. Susan E. Beaty, care of Warren National Bank, Warren, Pa	3
Mrs. Annie N. Bebee, 166 Lafayette ave., Brooklyn, N. Y	31
Mr. Edward C. Becker, 5870 Cabanne ave., St. Louis, Mo	50
Mrs. J. B. Becker, Scarborough-on-Hudson, New York	3
Mrs. Margaret J. Becker, 83 Mercer st., N. Y. City	100
Mr. Wellington D. Becker, Central Bridge, N. Y	25
Mr. A. C. Bedford, room 503, building	100
Mr. Charles E. Bedford, room 600, building	6
Edith C. Bedford, care of Mr. A. C. Bedford, room 502, building	8
Mr. E. T. Bedford, room 408, building	3300
Mr. F. H. Bedford, room 408, building	137
Mr. F. T. Bedford, room 408, building	10
Mrs. Jennie V. Bedford, 193 Clinton ave., Brooklyn, N. Y	40
Sarah J. Bedford, care of Mr. A. C. Bedford, room 502, building	34

	Shares.
Mrs. Susan B. Beebe, 205 Hancock st., Brooklyn, N. Y	130
Mrs. Mary G. Beecher, box 4, Newtown, Conn	30
Mr. W. J. Beecher, box 4, Newtown, Conn	10
Mr. Bancroft E. Beeman, 1007 Bonnie Brae st., Los Angeles, Cal	10
Mr. James G. Beemer, Yonkers, N. Y	25
Mrs. Margaret L. Beemer, Yonkers, N. Y	30
Mrs. Alice M. Beers, 5 west 31st st., care of Wm. H. Beers, N. Y. City	27
Mr. Eli B. Beers, Newtown, Conn	8
Miss Ella A. Beers, 365 Mill Hill ave., Bridgeport, Conn	3
Miss Fannie S. Beers, Newtown, Conn	16
Mr. George B. Beers, Newtown, Conn	3
Mr. Henry L. Beers, 201 East Front st., Oil City, Pa	8
Mr. James L. Beers, 36 Vesey st., N. Y. City	3
Mrs. Mary L. Beers, care of L. I. Loan & Trust Co., Temple Bar, Brooklyn, N. Y	108
Mr. Robert H. Beers, Newtown, Conn	3
Mrs. Sarah E. Beers, Newtown, Conn	1
Mr. M. J. Beggs, Hotel Marlton, 3 West 8th st., N. Y. City	10
Mrs. D. C. Belding, West 3rd & Cowell ave., South Oil City, Pa	11
Mrs. Annie E. Bell, 610 West Chestnut st., Louisville, Ky	25
Mrs. Annie E. Bell, trustee, 610 West Chestnut st., Louisville, Ky	3
Mr. Arthur Bell, 45 Cedar st., N. Y. City	8
Mr. B. F. Bell, Bellevue, Ohio	30
Mr. Edward J. Bell, 1428 Spruce st., Philadelphia, Pa	1
Mrs. Eliza C. Bell, 4142 Perry st., Rogers Park, Chicago, Ill	21
Mrs. Eliza Dennis Bell, 30 West 37th st., N. Y. City	2
Miss Julia E. Bell, Field Point st., Greenwich, Conn	16
Miss Madeline I. Bell, 894 Park pl., Brooklyn, N. Y	4
Mrs. Mary A. Bell, 617 East Main st., Bellevue, Ohio	16
Mr. R. W. Bell, room 661, 100 William st., N. Y. City	3
Mr. Robert W. Bell, jr., 894 Park pl., Brooklyn, N. Y	3
Mr. W. H. Bell, Bellevue, Ohio	30
Mrs. Marie Bellangee, 224 Chestnut st., Newport, Ky	3
Mr. Edward Bement, 74 Broadway, N. Y. City	5
Mr. W. E. Bemis, room 609, building	615
Mrs. Mattie M. Bender, care of Standard Oil Co., Wash. L'n & Tr. Bldg., Washington, D. C	2
Mrs. Anna Reid Bendit, 6 West Saville road, Edinburgh, Scotland	47
Mrs. Anna C. Benedict, care of Mrs. N. T. Parker, 157 College ave., New Brunswick, N. J	7
Mrs. Clare R. Benedict, care of W. G. Mather, Mercantile Bk. Bldg., Cleveland, Ohio	100
Mrs. Jane McAlpin Benedict, Dakota, 1 West 72nd st., New York City	2
Mrs. L. Ophelia Benedict, 282 Vanderbilt ave., Brooklyn, N. Y	10
Mrs. Mary L. Benedict, 16 Lafayette st., Albany, N. Y	25
Mr. Robert D. Benedict, 363 Adelphi st., Brooklyn, N. Y	6
Mess. E. C. Benedict & Co., 80 Broadway, New York City	40
Messrs. L. L. Benedict & Co, 704 Lords courts, New York City	15
Miss Ada F. Benham, Clyde, Ohio	70
W. W. Benham & C. C. Young, trustees for Wallace C. Benham, Society for Savings Bldg., Cleveland, Ohio	34
Mrs. Anne E. Benjamin, 22 West 33rd st., New York City	1,050
Mrs. Flora G. Benjamin, 9 East 90th st., New York City	5
Mrs. Florence A. Benjamin, 55 East 65th st., New York City	15
Mr. Edward Benneche, 43 Great Jones st., New York City	10
Mrs. Cornelia Bensinger, 231 Van Buren st., Brooklyn, N. Y	30
Mr. Fred S. Benson, care of Nassau Gas Works, Kent ave., Brooklyn, N. Y	25
Mr. Nelson H. Benson, 37 Arlington ave., Providence, R. I	25

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Mr. Meinrad A. Benzinger, 36 Barclay st., New York City	1
Mrs. Frances A. Berard, New Hartford, Conn	10
Mr. Sinclair Berdan, Toledo, Ohio	10
Mrs. Victoria Berdan, care of Mess. Berdan & Co., Toledo, Ohio	42
Mr. J. G. Beresford, care of Mr. Adrian Iselin, jr., 36 Wall st., New York City	25

	Shares.
Mrs. Helen M. Bergen, 25 Broad st., New York City	50
Mrs. Jeannie McCue Bergen, 7 West 16th st., New York City	50
Mrs. Mary S. Bergner, 231 East 67th st., New York City	20
Mr. Joseph L. Bernard, Elm and McFarland sts., Cincinnati, Ohio	3
Mr C. E. Berner, 27 William st., New York City	1
Mrs. Elizabeth Berner, Sea Cliff, Long Island, N. Y	1
Mr. Max E. Bernheimer, 128th st. and Amsterdam ave., New York City	100
Mr. David Bernkopf, 86 Dorrance st., Providence, R. I	1
Mr. Emil Berolzheimer, 377 Broadway, N. Y. City	100
Mr. Philip Berolzheimer, 377 Broadway, N. Y. City	30
Mrs. Fannie W. Berri, 465 Clinton ave., Brooklyn, N. Y	1
Mrs. Georgina Berrian, care of Mr. J. A. Berrian, 81 New st., N. Y. City	10
Mrs. Marion B. Besly, Franklin, Pa	10
Miss Lou Best, Knox P. O., Clarion Co., Pa	9
Mr. Myron K. Bettis, care of Ill. Trust & Savings Bank, Chicago, Ill	29
Mrs. Helen Biddle Griscom Bettle, Haverford, Montgomery Co., Pa	91
Mr. William C. Betts, care of N. Y. Commercial Co., 290 Broadway, N. Y. City	2
Mr. George F. Beverage, Heath st., Chestnut Hill, Mass	2
Miss Anna Bewley, care of Third Natl. Bank, Cincinnati, Ohio	2
Mrs. Hannah M. Bickley, care of Mr. Lloyd Wharton Bickley, 23 Maple st., Arlington, Mass	40
Mr. G. A. Bicknell, 13 So. William st., N. Y. City	20
Mr. J. A. Biddulph, room 200, Building	4
Mr. A. E. Bigelow, 27 Rosalind ave., East Cleveland, Ohio	10
Mrs. Gertrude Z. Bigelow, 1618 Ashland ave., Evanston, Ills	6
Mr. J. Rodman Paul, trustee for Lucy P. Bigelow, 505 Chestnut st., Philadelphia, Pa	9
C. E. B. & G. Tr. Co., trustees for Harriet A. Biggs & c., enc. to Germantown Tr. Co., Germantown Trust Co., Philadelphia, Pa	88
Mr. Ernst Bilhuber, Maywood, N. J	10
Mr. Frederic A. Bill, 133 Maple st., Springfield, Mass	5
Florence Bloomfield Billings, 34 Gramercy Park, N. Y. City	1
Mr. Arthur E. Bingham, Beach Bluff, Mass	30
James I. Buchanan et al., tr. for Mrs. K. V. Bingham, enc. to James I. Buchanan.	
Mr. James I. Buchanan, 323 Fourth ave., Pittsburg, Pa	141
Mr. John H. Bird, care of Washington Trust Co., Stewart Bldg., N. Y. City	800
Mr. Amos Birdsall, Toms River, N. J	30
Miss Annie P. Birdsall, R. F. D. 3, Wallkill, N. Y	10
Mrs. Louisa Birdsall, Toms River, N. J	1
Mr. Edward P. Merritt, trustee of Catherine M. Birdseye, 60 State st., Boston, Mass	2
Mr. Henry E. Birdseye, 42 Broadway, N. Y. City	2
Mrs. Josephine Y. Birney, Ossining-on-Hudson, N. Y	10
Eugene & Marguerite Biscaye, 340 West 26th st., N. Y. City	5
Mr. F. C. Bishop, Mills Bldg., New York City	40
Mr. H. R. Bishop, Lords Court Bldg., 27 William st., N. Y. City	50
Trustees est. of H. R. Bishop, 30 Pine st., N. Y. City	1,598
Mr. J. C. Bishop, 33 Pine st., N. Y. City	70
Mrs. Lucy A. Bishop, 93 Eagle st., Albany, N. Y	10
Mrs. Stella Wheeler Bishop, care of Mr. T. H. Wheeler, room 100, building	50
Mess. Bishop, Lambeer & Co., Mills Bldg., N. Y. City	160
Mrs. Clara S. Bissell, Suffield, Conn	10
Mrs. Ermina C. Bissell, Lockport, N. Y	150
Mrs. Mary A. Bissett, St. Johns, Quebec, Canada	1
Mr. W. C. Bitting, 5109 McPherson ave., St. Louis, Mo	1
Mr. Frank W. Black, 135 Broadway, New York City	200
Mr. John Donald Black, First Natl. Bank Bldg., Chicago, Ill	65
Mrs. Margaret Potter Black, The Winston, 147 Lincoln Park boule., Chicago, Ill	32
Girard Trust Company, trustee under will of Emeline Putnam for Joseph Walter Black, Girard Trust Co., trustee, Philadelphia, Pa	3
Girard Trust Company, trustee under will of Emeline Putnam for Mary Alice Black, Girard Trust Co., trustee, Philadelphia, Pa	2

	Shares.
Mrs. Mary A. Black, 234 West Harvey st., Germantown, Pa	1
Mr. John T. D. Blackburn, Albany, N. Y	5
Mrs. C. M. Blackmarr, 527 West 3rd st., Oil City, Pa	11
Mrs. Mary C. Blackmarr, Oakland Music Hall, Chicago, Ill	98
Mr. V. A. Blacque, care of Mess. W. H. Goadby & Co., 74 Broadway, N. Y. City	10
Mr. Charles H. Blake, P. O. box 1477, N. Y. City	100
Mr. Benjamin Blakeman, 732 No. Main st., Rockford, Ill	6
Mr. C. F. Blakslee, Franklin, Pa	142
Mrs. Dorothy M. Blakslee, 514 No. McKean st., Butler, Pa	5
Mrs. Ella M. Blakslee, Franklin, Pa	51
Mr. Isaac D. Blakslee, Butler, Pa	32
Mr. W. S. Blakslee, Butler, Pa	25
Mrs. Irene Earl Davis Blanchard, 126 Stiles st., Elizabeth, N. J	9
Miss Sallie G. Blanchard, 503 Clinton ave., Brooklyn, N. Y	1
Mr. Thomas S. Blankley, 113 Lefferts pl., Brooklyn, N. Y	4
Mrs. Henrietta T. Blatchford, 37 Riverside drive, N. Y. City	100
Mrs. Emma L. Blauvelt, 6 Lloyd pl., Montclair, N. J	40
Miss Fannie Blauvelt, Upper Nyack, N. Y	4
Mrs. Cornelia A. Bleecker, 321 Clinton st., Brooklyn, N. Y	12
Trustees for Agnes Kennard Bliss, goes to Mr. Frank Edward Bliss	200
Mr. Frank Edward Bliss, care of Fulton Trust Co., 30 Nassau st., N. Y. City	300
Mrs. Alida A. Bliss, 14 East 70th st., N. Y. City	15
Anna B. Bliss, P. O. Box 1755, N. Y. City	100
Miss Ida Bliss, 301 Madison ave., N. Y. City	10

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Mrs. Jeannette D. Bliss, care of Farmers Loan & Trust Co., 22 William st., N. Y. City	10
Mrs. Lida G. Bliss, Uniontown, Fayette Co., Pa	18
Mr. Watson H. Bliss, Hartford, Conn	65
Mrs. Frances M. Bliven, Plainfield, Conn	3
Mr. Isaac L. Bloodgood, Hensonville, Greene Co., N. Y	7
Mr. Levi W. Bloodgood, Hensonville, Greene Co., N. Y	7
Mr. H. S. Blossom, attorney, 177 Duane st., New York City	10
Mr. M. M. Blunt, Exr. est. of Margaret A. Blunt, care Nat. Bank of Commerce, 31 Nassau st., N. Y. City	5
Mrs. Louise C. Blyth, care of Mr. Henry Blyth, 20 Fifth ave., N. Y. City	10
Est. of Lucy H. Boardman, care of Natl. Tradesmans Bank, New Haven, Conn	60
Mrs. Johanna Bock, 433 Scovill ave., Cleveland, Ohio	7
Miss Alice Bodine, care of S. T. Bodine, United Gas Imp. Co., Broad and Arch sts., Phila., Pa	5
Mr. E. C. Bogert, 52 Wall st., N. Y. City	108
Mrs. Sarah B. Boice, room 1200, Building	4
Mrs. E. D. Boies, 530 Clay ave., Scranton, Pa	20
Miss Lauretta M. Boies, care of Dr. Jackson, Dansville, N. Y	50
Mr. William J. Boies, care of Evening Post, Box 794, 20 Vesey st., N. Y. City	4
Mrs. Jennie Boland, 145 West 116th st., N. Y. City	11
Mr. Percival R. Bolton, 48 West 49th st., N. Y. City	8
Mrs. Louise N. L. Bond, care of Second Natl. Bank, 190 Fifth ave., N. Y. City	29
Mr. Henry H. Bonnell, 1505 Land Title Bldg., Philadelphia, Pa	576
Miss Mary M. Bonnell, care of Grand Rapids Natl. Bank, Grand Rapids, Mich.	30
Mrs. Carrie S. Bonner, Missoula, Mont	15
Mrs. A. Leta Bonnett, 43 Gregory st., New Haven, Conn	6
Seymour Wentworth Bonsall, care of N. Y. Co. Natl. Bank, N. Y. City	100
Mr. S. W. Boocock, 25 Broad st., N. Y. City	200
Mr. Alfred W. Booth, Bayonne, N. J	20
Mr. M. Borck, 176 Broadway, N. Y. City	10
Mess. Simon Borg & Co., 20 Nassau st., N. Y. City	34
Mr. F. G. Borges, care of Solar Refg. Co., Lima, Ohio	20

	Shares.
Mr. Henry de Cartaret Bosdet, 67 Boulevard Haussmann, Paris, France	2
Mr. Edward J. Boshart, Lowville, N. Y	5
Mrs. Carrie Boskowitz, care of J. H. Sulzbacher & Co., 111 Broadway, N. Y. City	1
Mr. A. F. Bostwick, Seville, Ohio	120
Mr. Abel Bostwick, care of Mr. A. F. Bostwick, Seville, Ohio	50
Mr. Albert C. Bostwick, 66 Broadway, N. Y. City	100
Mrs. Amelia B. Bostwick, care of Mr. A. F. Bostwick, Seville, Ohio	25
Mr. David A. Nichols, tr. of Curtis L. Bostwick, Box 667, Shelton, Conn	40
Mrs. Emma B. Bostwick, Seville, Ohio	25
Mrs. Helen C. Bostwick, 800 Fifth ave., N. Y. City	6,048
New York Life Insurance & Trust Co., trustee for Abner Fitch Bostwick, N. Y. Life Ins. & Trust Co., 52 Wall st., New York City	500
New York Life Insurance & Trust Co., trustee for Helen C. Bostwick and others, N. Y. Life Ins. & Trust Co., 52 Wall st., N. Y. City	2,217
Farmers' Loan & Trust Co., trustee for Albert C. Bostwick, Farmers' Loan & Trust Co., P. O. box 1510, N. Y. City	1,500
Farmers' Loan & Trust Company, trustee for Helen Bostwick and others, Farmers' Loan & Trust Co., P. O. box 1510, N. Y. City	1,000
United States Trust Co., trustee for Albert C. Bostwick, under agreement of Sept. 4th, 1890, United States Trust Co., 45 Wall st., N. Y. City	2,217
United States Trust Company, trustee for Helen C. Bostwick and others, United States Trust Co., 45 Wall st., N. Y. City	2,217
Mrs. Mary A. Bostwick, 14 West 53rd st., N. Y. City	50
Mr. J. Warner Bott, 315 Hamilton st., Albany, N. Y	8
Jennie M. Boulton, 1313 Elk st., Franklin, Pa	5
Mr. Augustus O. Bourn, jr., 11 William st., N. Y. City	1
Mrs. Emily H. Bourne, New Bedford, Mass	25
Northern Trust Co., exr. est. of Aug. C. Bournenville, Philadelphia, Pa	3
Miss Mary R. Bouton, 252 West 113th st., N. Y. City	3
Mrs. Amy Hope Boville, 133 West 69th st., New York City	10
Mr. George S. Bowdoin, care of Mess. J. P. Morgan & Co., 23 Wall st., N. Y. City	100
Mrs. Martha L. Bowe, 634 Acklin ave., Toledo, Ohio	5
Mrs. Eliza S. Bowen, care of cashier First Nat. Bank, Brooklyn, N. Y	120
Mrs. Eliz'th Cochran Bowen, 6 Hudson st., Yonkers, N. Y	84
Mr. Geo. A. Bowen, care of Fourth Natl. Bank, 14 Nassau st., N. Y. City	85
Mrs. Louisa H. Bowen, 25 Charles Fields st., Providence, R. I	10
Mr. Chas. W. Bowring, 17 State st., New York City	1
Mr. Thos. B. Bowring, care of Mess. C. T. Bowring & Co., 17 State st., N. Y. City	10
Mrs. Frances Louise Boyce, 1st ave. & 67th st., Bay Ridge, N. Y	1
Mr. John H. Boyce, First ave. and 67th st., Bay Ridge, Kings Co., N. Y	15
Mr. A. B. Boyd, 128 Broadway, N. Y. City	10
Mr. John W. Boyle, 28–30 Arcade Bldg., Utica, N. Y	25
Mrs. Charlotte U. Brackett, care of G. R. Brackett, room 603, 14 Beacon st., Boston, Mass	2
Mrs. Bessie P. Bradford, 1847 East 90th st., Cleveland, Ohio	4
Mrs. Marian G. Bradford, 15 West 48th st., New York City	1
Mrs. Matilda R. L. Bradford, 15 West 48th st., N. Y. City	4
Mr. Henry M. Bradhurst, 48 East 26th st., N. Y. City	10
Mr. Jean B. Bradhurst, 48 East 26th st., N. Y. City	3
Mrs. Agnes Campbell Bradley, New York Mills, Oneida Co., N. Y	3
Mr. Arthur C. Bradley, Newport, N. H	200
Miss Elizabeth M. Bradley, 78 Madison ave., N. Y. City	2
Miss Isabella Bradley, Hotel Kenmawr, Pittsburg, Pa	12
Mrs. Marion L. Bradley, Wellsville, N. Y	10
Mr. S. R. Bradley, Nyack, N. Y	1,000
Mrs. Harriet A. Brady, 210 West 71st st., New York City	8
Frau Luise Braesecke, Kohlhocker str., 26, Bremen, Germany	100
Mr. C. C. Bragg, 1601 Union Trust Bldg., Cincinnati, Ohio	300
Mrs. Eugenia H. Bragg, 1601 Union Trust Bldg., Cincinnati, Ohio	75
Mrs. Helen J. Brainard, South Orange, N. J	4
Miss Emma W. Braine, 336 Clinton ave., Brooklyn, N. Y	64
Mrs. Irene B. Braman, care of Mess. Noble & Camp, 2 Wall st., N. Y. City	10
Mrs. Anna E. Brashears, The Renton, Seattle, Wash	83

	Shares.
Mr. Maurice Breden, Franklin, Pa	1
Mrs. Margaretta Bredin, care of Mr. Benj. W. Bredin, Franklin, Pa	10
Mrs. Emma B. Breeden, care of H. C. Breeden, 2770 Broadway, San Francisco, Cal	10
Eliz'th Vaughan Bretherton, Park Lodge, Subiton Hill Park, Surrey Eng	1
Mr. Pierre V. A. Brett, 2 and 4 Stone st., N. Y. City	1
Mrs. Charles M. Brewster, Box 149, St. Johns, Quebec	7
Mrs. Elmina D. Brewster, care of Mr. Geo. S. Brewster, 51 Wall st., N. Y. City	2,240
Mr. Frederick F. Brewster, care of The W. & E. T. Fitch Co., New Haven, Conn	2,640

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Mr. Geo. S. Brewster, 51 Wall st., room 1711, N. Y. City	2,565
Mr. Henry D. Brewster, care of Mess. Brokaw Brothers, 1 Astor pl., N. Y. City	50
Mrs. Mary E. Brewster, care of Mess. Brokaw Bros., Astor pl., N. Y. City	82
Mr. Robert S. Brewster, care of Mr. Geo. S. Brewster, 51 Wall st., N. Y. City	2,540
Mrs. Sarah M. Brewster, care of Brewster, Gordon & Co., Rochester, N. Y	66
Mr. Frank H. Briggs, 22 High st., Boston, Mass	1
Mr. James G. Briggs, care of Jas. McDonald, Anglo-Am. Oil Co., London, E. C., Eng	175
Mr. Lowell C. Briggs, 10 Jay st., New York City	10
Mrs. Fannie M. Bright, P. O. Box 143, Elberon, N. J	25
Mr. George D. Bright, 1205 Land Title Bldg., Philadelphia, Pa	3
Mr. J. J. Brinkerhoff, 9 State st., Hackensack, N. J	1
Mrs. Emma J. Brister, Boonton, N. J	3
Mrs. Frances Adele Brittain, 400 West 152nd st., New York City	8
Mrs. Jane E. Britton, 1897 Madison ave., New York City	15
Mrs. Charlotte E. Broadus, 1319 Third ave., Louisville, Ky	20
Mrs. Annie Bradley Brock, Nancherrow, Exeter, England	10
Mrs. Lillie P. Broderick, Euclid, Ohio	28
Mr. W. A. Brodie, Genesee, N. Y	52
Mr. Clifford V. Brokaw, room 1101, 527 Fifth ave., N. Y. City	1,314
Mr. Isaac V. Brokaw, 30 Fourth ave., N. Y. City	1,250
Est. of Wm. V. Brokaw, 527 Fifth ave., N. Y. City	3,395
Mrs. Viola A. Bromley, 23 Second st., Brooklyn, N. Y	8
Mrs. Amanda M. Bronson, care of Paris-Murton Factory, Minneapolis, Minn	17
Mr. Mayhew W. Bronson, care of N. Y. Life Ins. & Trust Co., 52 Wall st., N. Y. City	1
Miss Mary Brooke, 41 St. Johns pl., Brooklyn, N. Y	5
Mr. Robert Brooke, 41 St. Johns pl., Brooklyn, N. Y	5
Mrs. Kate M. Brookfield, 516 Madison ave., N. Y. City	48
*Brooklyn Trust Company, Montague st., Brooklyn, N. Y	16
Mrs. Marion P. Brookman, 7 East 65th st., N. Y. City	2
Mr. Charles G. Brooks, Mount Upton, Chenango Co., N. Y	25
Miss Frances E. Brooks, 512 Commonwealth ave., Boston, Mass	1
Mrs. Frances S. Brooks, 192 State st., Albany, N. Y	100
Dr. G. Frederick Brooks, 247 Central Park West, New York City	10
Mrs. Helen W. Brooks, 167 Beacon st., Boston, Mass., account closed.	
Mr. John F. Brooks, 92 State st., Boston, Mass	5
Mr. Jonas H. Brooks, 192 State st., Albany, N. Y	100
Mrs. Cara L. Broughton, 15 78th st., New York City	1,050
Mr. A. K. Brown, Corning, N. Y	2
Est. of Albert N. Brown, 771 Madison ave., N. Y. City	325
Mr. Augustus Brown, care of Miss Ada Braddock, 1223 Vermont ave. NW., Wash., D. C	2
Mr. Charles H. Brown, 930 Girard ave., Philadelphia, Pa	4
Mr. Charles Hilton Brown, 167th st. & Lind. ave., High Bridge, N. Y. City	450
Mr. Cyrus C. Brown, care of United Natl. Bank, Providence, R. I	3
Mr. E. M. Brown, P. O. Drawer 13, Syracuse, N. Y	5
Mrs. Edith Kendig Brown, 6387 Drexel road, Philadelphia, Pa	6

	Shares.
Mr. Edward Willard Brown, care of Mr. Vernon H. Brown, 29 Broadway, N. Y. City	2
Mrs. Eliza H. Brown, care of Mr. Theodore B. Brown, Hamilton Club, Brooklyn, N. Y	1
Mr. Frank Brown, 6387 Drexel road, Philadelphia, Pa	10
Mr. F. Q. Brown, 71 Broadway, N. Y. City	50
Mr. George F. Brown, care of City Trust Co., Boston, Mass	9
Mrs. Hannah T. Brown, Tappan st., Brookline, Mass	2
Mr. Harry L. Brown, care of Citizens Sav'gs & Tr. Co., Cleveland	100
Miss Helen Louise Brown, care of Mr. R. D. Jeffreys, Vails Gate, N. Y	10
Mrs. Henrietta D. Brown, care of George F. Brown, 94 Somerset st., Plainfield, N. J	3
Mr. Henry I. Brown, 423 Walnut st., Philadelphia, Pa	5
Mrs. Ida M. Brown, care of Mr. Belden B. Brown, 114 Bedford st., Stamford, Ct	40
Mr. James D. Brown, Athens, Ohio	2
Mr. Albert Stone, admr. of est. of Joseph A. Brown, Box 3209, Boston, Mass	2
Mr. Lawrence E. Brown, 9 Ocean Terrace, Lynn, Mass	1
Mrs. Louisiana Brown, 636 Flatbush ave., Brooklyn, N. Y	15
Mrs. Margare A. Brown, 854 Washington st., N. Y. City	10
*Marie Louise Brown, care of Mr. Vernon H. Brown, care of Cunard S. S. Co., N. Y. City	13
Mrs. Marion T. Brown, 277 Southern ave., Mt. Auburn, Cincinnati, O	21
Mrs. Mary D. Brown, care of New England Trust Co., Boston, Mass	8
Miss Matilda Bergh Brown, 309 Madison ave., N. Y. City	30
Mrs. Miriam B. Brown, care of Mr. Theodore B. Brown, Hamilton Club, Brooklyn, N. Y	1
Mr. Orr W. Brown, 325 Centre st., Jamaica Plains, Mass	3
Mrs. Rebecca E. Brown, care of Mr. W. A. Brown, Greenport, N. Y	20
Mrs. Sallie S. Brown, Sherman Square Hotel, 71st st. & B'way, N. Y. City	8
Miss Sarah A. M. Brown, 61 West 46th st., New York City	14
Mr. T. Wistar Brown, 235 Chestnut st., Philadelphia, Pa	128
T. Wistar Brown, attorney	13
Mr. W. M. Brown, care of Windsor Trust Co., 65 Cedar st., N. Y. City	25
Mr. Wm. A. Brown, P. O. Box 393, Greenport, N. Y	10
Mr. William H. Brown, Lennox Bldg., Cleveland, Ohio	20
Mr. Frank Brown, trustee for William H. Brown, jr., 6387 Drexel road, Phila., Pa	5
Mr. Wm. Harold Brown, 61 West 46th st., N. Y. City	13
Mess. A. O. Brown & Co., 30 Broad st., N. Y. City	10
Mess. Brown Bros. & Co., 59 Wall st., N. Y. City	46
Mrs. Adelaide S. Browning, 408 Broome st., N. Y. City	100
Mrs. Charlotte P. Browning, Cooperstown, N. Y	4
Mr. J. Hull Browning, 199 Chambers st., N. Y. City	15
Mrs. Ida M. Bruce, 47 West 76th st., N. Y. City	12
Miss Matilda W. Bruce, care of De Witt, Lockman & De Witt, 88 Nassau st., N. Y. City	50
Mr. Robert M. Bruce, 141 Broadway, N. Y. City	150
Mrs. Sarah E. Bruce, 141 Broadway, New York City	50
Mrs. Theresa L. Bruck, care of Mr. George Bruck, 783 Broadway, N. Y. City	3
Mr. Horace T. Brumley, 768 Broad st., Newark, N. J	7
Mrs. Mary C. Brumley, Morris Troy Hills, Morris Co., N. J	3
Mrs. Charlotte H. Brundage, 778 Carroll st., Brooklyn, N. Y	3
Geo. W. Parker et al., trustee enc. to Mr. B. F. Brundred, * Mr. B. F. Brundred, Oil City, Pa	6

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Mr. B. F. Brundred, Oil City, Pa	82
Mrs. Lizzie L. Brundred, care of Mr. B. F. Brundred, Oil City, Pa	12
Mr. Mark D. Bruner, 2642 Stanton ave., Cincinnati, Ohio	1
Mr. Simon Bruner, 2642 Stanton ave., Walnut Hills, Cin'ti, Ohio	2
Mr. Julius W. Brunn, care of Hagemeyer & Brunn, Produce Ex. Annex, N. Y. City	10

	Shares.
Mrs. Annie Bruns, 423 Madison ave., N. Y. City	10
Mrs. Matilda Green Bruyere, 421 Chestnut st., Philadelphia, Pa	1
Mr. Henry B. Bruyn, 102 Lefferts pl., Brooklyn, N. Y	200
Mr. J. R. Bryan, 15 Albert st., Plainfield, N. J	2
Phebe J. Bryant, admx. est. of G. L. Bryant, Lake Hopatcong, N. J	4
Mrs. Emily Bryce, 337 Orange st., Albany, N. Y	2
Mr. John K. Bryden, 202 Times Bldg., Pittsburg, Pa	10
Mr. G. B. Buchanan, 27 William st., N. Y. City	10
Safe Dep. & Trust Co., tr'tees, Pittsburg, Pa. * James I. Buchanan, S. H. Vandergrift, John A. Johnston, and the Safe Deposit & Trust Company, of Pittsburg, trustees	292
Mrs. Louise S. Buchanan, care of Mr. S. E. Buchanan, 11 Broadway, N. Y. City	10
Mrs. Elizabeth G. Buck, 57 Washington st., East Orange, N. J	50
Mrs. Velma Buck, care of St. Louis Union Tr. Co., St. Louis, Mo	2
St. Louis Union Trust Co., trustee for Velma Buck, St. Louis, Mo	3
Mess. Buckhout, Davis & Co., 71 Broadway, New York City	3
Est. of William F. Buckley, 3 Broad st., N. Y. City	55
Mrs. Mary J. Buckman, Newtown, Bucks County, Pa	3
Miss Emily B. Buckner, 372 Cadillac ave., Detroit, Mich	2
Mrs. Esther K. Buell, care of Dr. Charles K. Buell, 26 Irving pl., Buffalo, N. Y	25
Miss Annie L. Bulkley, Southport, Conn	5
Mr. Alfred M. Bull, care of Phenix Natl. Bank, N. Y. City	10
Mr. Harold C. Bullard, care of Fifth Ave. Bank, 530 5th ave., N. Y. City	23
Mr. T. H. Bullock, care of Imperial Oil Co., Ltd., St. Johns, N. B	50
Mrs. Mary E. Bunker, 47 Brevoort pl., Brooklyn, N. Y	6
Mrs. Elizabeth M. Bunting, 44 East 73rd st., N. Y. City	10
Mr. H. J. Burchell, jr., 49 West 57th st., N. Y. City	129
Mr. James Burchell, 38 East 53rd st., N. Y. City	129
Mr. Thos. Henry Burchell, 69 East 55th st., N. Y. City	137
Mrs. Mary R. Burdett, "The Boston," 30 West 59th st., N. Y. City	66
Mrs. Ella P. Burdick, 1017 Madison ave., Albany, N. Y	15
Mr. J. W. Burdick, care of Del. & Hudson Canal Co., Albany, N. Y	180
Mr. Wm. H. Burger, 52 Broadway, New York City	10
Mrs. Ellen Burgess, 305 Walnut st., care of C. A. Griscom, Phila., Pa	7
Mr. George H. Burgess, care of Mr. J. B. Yerkes, room 1301, Building	95
Mrs. Hannah M. Burgess, 331 Lexington ave., N. Y. City	1
Est. of Fred'k O. Burhans, care of Mr. Wm. B. Isham, 27 William st., N. Y. City	50
Mr. Charles C. Burke, room 607, building	980
Mr. C. C. Burke, jr., room 902, building	5
Mrs. Elizabeth R. Burke, 257 West 44th st., N. Y. City	10
Miss Jessie Hayward Burke, care of Hotel Majestic, 72nd st. & 8th ave., N. Y. City	17
Mr. M. C. Burke, 26 Pierrepont st., Brooklyn, N. Y	5
Mrs. Stevenson Burke, 4811 Euclid ave., Cleveland, Ohio	93
Mrs. Annie C. Burleigh, care of Fifth Ave. Bank, N. Y. City	13
Mrs. Phœbe H. Burling, 193 Washington Park, Brooklyn, N. Y	5
Miss Annie C. Burnham, care of Mr. S. M. Burnham, Saugatuck, Conn	8
Miss Ella F. Burnham, Saugatuck, Conn	174
Mr. W. A. Burnham, Irvington, N. Y	34
Mrs. Bessie R. Burns, care of C. O. Burns Co., 322 Fifth ave., N. Y. City	5
Mr. J. Irving Burns, Yonkers, N. Y	20
Mrs. Marjorie Lardner Burns, care of Ills. Trust & Sav'gs Bank, Chicago, Ill.	58
Mr. Henry S. Burr, Fairfield, Conn	7
Mr. Chas. B. Jennings, tr. for Henry S. Burr, Fairfield, Conn	41
Miss Margaret W. Burr, Cazenovia, N. Y	10
Mrs. Mary Frances Burr, box 136, Fairfield, Conn	12
Mrs. Mabelle L. Burras, 309 West 93d st., N. Y. City	15
Mr. Joseph H. Burrill, care of Crane Felt Mfg. Co., Belvidere, N. J	1
Miss Elizabeth M. Burritt, P. O. box 68, Stratford, Conn	2
Miss Helen Burritt, 254 Madison ave., N. Y. City	1
Miss Mabel Burritt, 254 Madison ave., N. Y. City	1
Mr. Wilmot W. Burritt, 15 Clark st., Brooklyn, N. Y	1

	Shares.
Mrs. Lucy S. Burrowes, 244 Gilman ave., Mt. Auburn, Cincinnati, Ohio	5
Mrs. Mary H. Burst, care of Mr. Charles A. Murphey, 15 Wall st., N. Y. City	3
Mr. E. D. Burton, East Cleveland, Ohio	10
Mr. F. V. Burton, 384 Broadway, N. Y. City	20
Mr. George B. Burton, Providence, R. I	310
Mrs. Jennie L. Burton, 3732 Clifton ave., Clifton, Cincinnati, Ohio	8
Mrs. K. S. V. D. Burton, 35 Barclay st., N. Y. City	10
Mr. Wm. M. Burton, care of Standard Oil Co., Chicago, Ill	38
Mrs. Sarah M. Bush, care of The Bush Co., Ltd., 100 Broad st., N. Y. City	25
Mr. Willet H. Bush, 18 Broadway, N. Y. City	30
Miss Anna G. Bushnell, care of Morristown Trust Co., Morristown, N. J	7
Mr. Charles E. Bushnell, 33 West 67th st., N. Y. City	100
Mrs. Ella J. Bushnell, 9 Franklin st., Morristown, N. J	26
Fidelity Title & Trust Company, trustee of Frank Bushnell, *Fidelity Title & Trust Co., Pittsburg, Pa	35
Mr. John Bushnell, room 1100, Building	50
Mr. Joseph Bushnell, 618 Philadelphia Bourse, Philadelphia, Pa	100
Mrs. Mary G. Bushnell, care of Morristown Trust Co., Morristown, N. J	38
Mr. S. Marshall Busselle, room 1000, Building	27
Mrs. Mary L. Bussing, 20 Garden pl., Brooklyn, N. Y	8
Mrs. Emma G. Butler, care of H. C. Breeden, 2770 Broadway, San Francisco, Cal	20
Mrs. Alice C. Butterworth, care of Mr. Geo. F. Butterworth, 40 Wall st., N. Y. City	10
Mrs. Margaret A. Butts, 456 West 23rd st., N. Y. City	3

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Mr. John L. Cadwalader, 40 Wall st., New York City	30
Mrs. M. A. W. Cadwallader, Titusville, Pa	30
Miss Lizzie Blanche Cadwell, Nashua, N. H	5
Mr. William Harry Cadwell, Nashua, N. H	5
Mr. Winford N. Caldwell, 20 Ridgewood pl., Springfield, Mass	10
Mr. Thomas H. Calerdine, 125 West 3rd st., Cincinnati, Ohio	30
Mr. John E. Calhoun, Cornwall, Conn	40
Mr. Alban Call, care of Leon Irwin & Co., 838 Gravier st., New Orleans, La.	7
Mrs. Ella E. Call, care of Leon Irwin & Co., 838 Gravier st., New Orleans, La	20
Mr. Edw. Calm, 41 Warren st., New York City	2
Hon. J. N. Camden, Parkersburg, W. Va	600
Mr. T. B. Camden, Parkersburg, W. Va	100
Mr. Thomas L. Camerden, 138 William st., N. Y. City	7
Miss Martha S. Cameron, 21 Lafayette sq., Washington, D. C	3
Mrs. Arnoldine Caminneci, Bonn, Germany	75
Mrs. Estelle R. Cammann, care of Cammann & Co., 35 Broad st., N. Y. City	5
Mrs. Jean B. Cammann, care of Mr. Geo. P. Cammann, 84 William st., N. Y. City	10
Mr. Oswald N. Cammann, 17 State st., N. Y. City	1
Miss Amy R. Campbell, Harrison Bldg., 31 E. 4th st., Cincinnati, Ohio	2
Mrs. Anna Campbell, 461 N. Elizabeth st., Lima, Ohio	15
Miss Anna M. Campbell, Cambridge, N. Y	5
Miss Blanche R. Campbell, Linwood & Edwards roads, Cincinnati, Ohio	1
Mr. C. C. Campbell, care of Standard Oil Co., room 1301, Building	12
Mr. Charles C. Campbell, Harrison Bldg., 31 E. 4th st., Cincinnati, Ohio	1
Mr. Edward A. Campbell, 355 Colonial Arcade, Cleveland, Ohio	30
Miss Harriet K. Campbell, care of Mess. Wm. A. Read & Co., 25 Nassau st., N. Y. City	1
Mr. J. R. Campbell, 116 West Second st., Oil City, Pa	35
Mr. Malcolm Campbell, 25 Pine st., N. Y. City	8
Mrs. Mary E. Campbell N. Y. Mills, Oneida Co., N. Y	25
Mrs. Nellie K. Campbell, 177 82d st., Brooklyn, N. Y	2
Rebecca L. Campbell, as general guardian of John L. Campbell	4
Mrs. Rebecca L. Campbell, 8 Clinton ave., Montclair, N. J	9

	Shares.
Rebecca L. Campbell, as general guardian of Margaret L. Campbell	4
Rebecca L. Campbell, as general guardian of Williamina C. Campbell	3
The 3 Campbells, for which Rebecca L. is guardian, go to Rebecca L. Campbell.	
Mrs. Louise N. Candee, Waterville, N. Y	10
Mr. Flamon B. Candler, 48 Wall st., N. Y. City	10
Mr. H. W. Cannon, care of Chase Natl. Bank, 83 Cedar st., N. Y. City	60
Mrs. Helen H. Canterbury, care of Mr. Wm. H. Canterbury, 61 Broad st., Boston, Mass	48
Mr. Wm. H. Canterbury, 61 Broad st., Boston, Mass	50
Mr. Edward N. Capen, care of Standard Oil Co., Boston, Mass	6
Miss Mary Carden, care of Miss A. C. Flagler, 611 5th ave., N. Y. City	12
Mess. H. T. Carey & Co., 66 Broadway, N. Y. City	10
William C. Carl, 34 West 12th st., New York City	4
Mr. Robert W. Carle, care of Mr. John J. Carle, 153 Water st., N. Y. City	25
Mrs. Elizabeth H. Carleton, 27 West 37th st., N. Y. City	200
Mrs. Theodosia S. Carlin, 320 Central Park West, Ardsly Hall, N. Y. City	21
Mrs. Lucy H. Carlisle, 20 Broad st., N. Y. City	5
Miss Anna Carlson, 136 East 48th st., N. Y. City	2
Mr. B. L. Carlton, Jackson, Mich	10
Est. of Elbert S. Carman, Park Hill, Yonkers, N. Y	55
Mrs. Victorine Carmody, care of Astor Natl. Bank, N. Y. City	2
Mrs. Margaret Thaw Carnegie, care of Mr. Frank Semple, P. O. B. 1086, Pittsburg, Pa	200
Mrs. Adele L. M. Carothers, Pontiac, Ill	200
Miss Agnes Carpenter, 54 East 57th st., N. Y. City	26
Mrs. Clara B. Carpenter, 1153 West 27th st., Los Angeles, Cal	140
Mrs. Clara Betsy Carpenter, Wellsville, N. Y	10
Mrs. Fannie L. Carpenter, Wellsville, N. Y	10
Mrs. Josephine E. Carpenter, 54 East 57th st., N. Y. City	226
Miss Phebe A. Carpenter, care of Mr. J. C. Atwater, Riverside, Conn	25
Mrs. Sarah T. Carpenter, care of Mrs. A. M. Warren, 3 Cumberland ave., Plattsburgh, N. Y	5
Mrs. Delia R. Carr, cor. Penn & 5th aves., Pt. Breeze, Pittsburg, Pa	100
Miss Fannie B. Carr, 4160 Maryland ave., St. Louis, Mo	2
Mr. George J. Carr, 100 Broadway, N. Y. City	6
Mr. Lewis E. Carr, Albany, N. Y	5
Maria E. Carr, Andover, N. H	2
Mrs. Selina A. Carr, Oxford, Me	7
Mr. Shirley N. Carr, 100 Broadway, N. Y. City	2
Mr. Walter C. Carr, 48 John st., N. Y. City	3
Mr. J. M. Carrere, 28 East 41st st., N. Y. City	15
Mrs. Marion Dell Carrere, care of M. J. M. Carrere, 28 E 41st st., N. Y. City	19
Miss J. Josephine Carrier, care of Second Natl. Bank, N. Y. City	27
Mrs. Dora Allen Carrington, 121 Madison ave., N. Y. City	110
Mrs. Eda A. Carrington, care of N. Y. Life Ins. & Tr. Co., 52 Wall st., N. Y. City	20
Mr. W. T. Carrington, 25 Broad st., N. Y. City	10
Mrs. Mary R. Carson, 1876 East 71st st., N. E., Cleveland, Ohio	100
Farmers' Loan & Trust Co., P. O. Box 1510, New York City; Farmers' Loan & Trust Co., trustee for Frances Bostwich Carstairs	1,000
N. Y. Life Ins. & Trust Co., 52 Wall st., New York City; New York Life Insurance & Trust Co., trustee for Frances Bostwick Carstairs	1,500
Mary Rutherford Carstensen, care of Rev. G. A. Carstensen, Riverdale-on-Hudson, N. Y	1
Mr. Charles Gibbs Carter, Park Building, Pittsburg, Pa	50
Mr. George S. Carter, 69 North Broadway, Tarrytown, N. Y	5
Mr. John J. Carter, Titusville, Pa	300
Mr. Luke B. Carter, Titusville, Pa	50
Miss M. Elizabeth Carter, care of Mr. D. P. Corey, 2 Berkeley st., Malden, Mass	750
Miss Nellie P. Carter, care of Mr. D. P. Corey, 2 Berkeley st., Malden, Mass	750

	Shares.
Mrs. Sarah Sherman Carter, 741 North Logan ave., Cleveland, Ohio	3
Mrs. Sarah Tappan Carter, 24 Albion st., Hyde Park, Mass	10
Mrs. Caroline M. Cartwright, 407 E. Main st., Titusville, Pa	3
Mrs. Helen Morse Caruana, 1054 83rd st., Brooklyn, N. Y	3
Mrs. Helen Darling Cary, 143 McKinley ave., Norwich, Conn	5
Mr. Henry A. Cary, 34 East 29th st., N. Y. City	75
Mrs. Carrie S. Case, 314 Washington ave., Brooklyn, N. Y	5
Mrs. Elizabeth C. Case, care of Vacuum Oil Co., 2 Norfolk st., Strand, London, Eng	2

(10)

Mr. Chas. R. Lee, Exr., Geo. M. Case, care of Citizens Nat. Bk., Fulton, N. Y	40
Est. of James B. Case, 55 Kilby st., Boston, Mass	10
James G. Freeman et al., exrs. under will of James B. Case, 55 Kilby st., Boston, Mass	2
Miss Mary O. Case, 16 Walnut st., Cleveland, Ohio	3
Mrs. Emma Wier Casey, 1419 K st. NW., Washington, D. C	39
Mrs. Margaret A. Cassidy, 202 Lewis st., N. Y. City	15
Mr. Wm. R. Cassidy, 19 So. Hawk st., Albany, N. Y	50
Mrs. Gertrude R. Caswell, Prides Crossing, Mass	22
Mess. Caswell, Curtis & Co., 25 Broad st., N. Y. City	5
Mrs. Mary Cate, 343 West 86th st., N. Y. City	6
Mrs. Frances H. Catlin, care of Mr. O. P. Burke, P. O. B. 650, N. Y. City	15
Central Trust Co. of N. Y., trustee, 54 Wall st., N. Y. City	200
Mrs. Mary Ann Chadbourn, Wilmington, N. C	10
Mrs. Annie W. Chadwick, care of Citizens' Savings & Tr. Co., Cleveland, Ohio	42
Mr. Walter W. Chadwick, 24 West 3rd st., Bayonne, N. J	220
Mr. Francis D. Chamberlain, Sabble Bldg., Portland, Oregon	6
Mr. Horace P. Chamberlain, care of Mr. Fred Mohr, jr., Room 1306, Building	3
Mr. John A. Chamberlain, care of Standard Oil Co., Atlas Works, Buffalo, N. Y	3
Mrs. Jennie F. Chamberlin, 17 Clinton ave., care of E. A. Hobbs, Albany, N. Y	12
Mr. Fred N. Chambers, Oil City, Pa	112
Mr. Thos. P. Chambers, Newtown, Pa	125
Mr. W. H. Chambers, St. Augustine, Fla	20
Mr. Charles E. Chamblin, 47 The Alexandra, Cincinnati, Ohio	8
Mrs. Harriet Yerkes Chamblin, 47 The Alexandra, Cincinnati, Ohio	1
Mrs. Louisa Champenois, 49 Lincoln Park, Newark, N. J	1
* Angelina G. K. Champlin, care of Mr. D. R. Kendall, 31 Nassau st., N. Y. City	50
Mr. William H. Champlin, 29 Gillett st., Hartford, Conn	1
Mrs. Elizabeth W. Champney, 2019 O st. NW., Washington, D. C	2
Mr. Charles M. Chapin, 38 Wall st., N. Y. City	2,184
* E. S. Chapin & J. W. Sterling, trustees, care of Mr. John W. Sterling, 44 Wall st., N. Y. City	30
Mrs. Emily S. Chapin, care of R. H. Thomas & Co., 71 Broadway, N. Y. City	10
Dr. S. F. Chapin, Erie, Pa	10
Miss Ada M. Chapman, Stoutleigh Park, Westfield, N. J	1
Mrs. Alice M. Chapman, 14 Remsen street, Brooklyn, N. Y	3
Mrs. Evelyn Scott Chapman, 36 West 46th street, N. Y. City	3
Mr. W. S. Gurnee, trustee for Evelyn Scott Chapman, 80 Broadway, N. Y. City	71
Mr. L. T. Chapman, Franklin, Pa	22
Estate Wm. E. Chapman, incor., 289 Hancock street, Brooklyn, N. Y	15
Mess. E. R. Chapman & Co, 80 Broadway, N. Y. City	20
Mr. Abram A. Chase, Stoneham, Mass	5
Miss Adelaide L. Chase, care of C. W. Chase, 187 North Arlington avenue, East Orange, N. J	1
Mr. C. W. Chase, 187 No. Arlington ave., East Orange, N. J	3
Mrs. Eliza Chase, 116 Mason street, Greenwich, Conn	1

	Shares.
Mr. Frank B. Chase, P. O. Box 2, New Bedford, Mass	10
Mrs. Mary Chase, Meshoppen, Pa	7
Mrs. Mary T. Chastain, 851 Seventh avenue, The Wyoming, N. Y. City	155
Trustees for Lillian Ames Chatman, 94 Ames Bldg., Boston, Mass	4
Mrs. Caroline Chauncey, 129 Joralemon street, Brooklyn, N. Y	21
Mrs. Kate S. Chauncey, care of Leventritt & Brennan, 320 Broadway, N. Y. City	10
Mr. Herman P. Chelius, 261 Beacon street, Boston, Mass	1
Mr. George Chesebro, room 1100, Building	8
Mr. Luke B. Chesbro, Sewickley, Pa	3
Mrs. Eleanor F. Chetwood, 77 East 82nd street, New York City	4
Miss Mary A. Chevallier, 93 Olive street, Cleveland, Ohio	3
Mr. M. H. Chisholm, Western Reserve Bldg., Cleveland, Ohio	20
Mrs. Annie Pratt Chittenden, 48 Linwood avenue, Buffalo, N. Y	8
Mrs. Frances L. Chittenden, Kinilworth, Cook Co., Ill	35
Mr. Simeon D. Chittenden, Tallahassee, Fla	5
Mr. Joseph H. Choate, 60 Wall st., New York City	200
Miss Mabel Choate, care of Jos. H. Choate, esq., 60 Wall st., N. Y. City	10
Est. of Frances D. Cholwell, 30 High st., Norwalk, Conn	25
Mr. J. C. Christopher, Laytonsville, Montgomery Co., Md	30
Mr. John G. Christopher, Jacksonville, Fla	40
Mr. C. A. Chumar, room 500, Building	3
Mr. John H. Chumar, 102 First st., Elizabeth, N. J	1
Mrs. L. E. Chumar, Atlantic Highlands, N. J	3
Miss Bessie L. Church, 200 Lefferts pl., Brooklyn, N. Y	16
Mrs. Clara L. Church, 198 Decatur st., Brooklyn, N. Y	30
Mrs. Annie G. Churchill, 131 Magazine st., Cambridgeport, Mass	1
Mr. Frederick E. Churchill, Sanitaria Springs, New York	10
The Citizens Savings & Trust Co., Cleveland, Ohio	110
Mrs. Florella B. Clacy, 1127 Dunellen ave., Plainfield, N. J	7
Mrs. Anna P. Clapp, 1024 Vermont ave., Washington, D. C	200
Mrs. Amelia Ray Clark, 40 Willard st., Hartford, Conn	1
Mrs. Dorothea S. Clark, 214 East 9th st., Plainfield, N. J	15
Mr. Frank L. Clark, P. O. Box 641, Plainfield, N. J	60
Mr. Harvey Clark, 342 Westchester ave., Port Chester, N. Y	8
Mr. James E. Clark, 164 Federal st., Boston, Mass	60
Est. of Joseph Clark, 12 & 14 W. Main st., Lexington, Ky	100
Mr. J. William Clark, care of Clark Thread Co., Newark, N. J	20
Mr. Leroy Clark, 114 Liberty st., New York City	269
Mrs. Margaret H. Clark, 729 So. Crescent ave., Avondale, Cincinnati, Ohio	5
Mrs. Martha C. Clark, 467 Holly ave., St. Paul, Minn	8
Mrs. Mary A. O. Clark, 14176 Euclid ave., Cleveland, Ohio	14
Mrs. Mary E. Clark, 56 West 71st st., N. Y. City	18
Miss Mary G. Clark, Portchester, N. Y	4
Miss Mary H. Clark, 100 West 5th st., Oswego, N. Y	10
Mess. Clark, Dodge & Co., 51 Wall st., N. Y. City	50
Mr. Abel F. Clarke, Newtown, Conn	10
Mrs. Agnes R. Clarke, 309 West 103rd st., New York City	50
Mr. C. K. Clarke, 59 Halsey st., Providence, R. I	5
Mr. E. A. S. Clarke, care of Lackawanna Steel Co., 2 Rector st., N. Y. City	1
Mr. H. P. Clarke, care of Mr. A. C. Bedford, room 503, Building	8
Miss Mary A. Clarke, 104 Camp st., Providence, R. I	2
Miss Mary Dale Clarke, 719 Centennial ave., Sewickley, Pa	40
Mrs. Mary K. Clarke, 719 Centennial ave., Sewickley, Pa	39
Mr. Samuel J. Clarke, 309 West 103rd st., N. Y. City	65
Mr. Sidney E. Clarke, 813 Main st., Hartford, Conn	3
Mr. W. C. Clarke, 82 Fourth ave., N. Y. City	120
Mrs. Emma J. Clay, care of Mr. R. H. Clay, Way Station, Bryan Co., Ga	4
Mrs. Louisa A. Clay, 257 So. 17th st., Philadelphia, Pa	20
Mr. R. Edey Clay, 257 So. 17th st., Philadelphia, Pa	25
Mr. R. E. Clemens, Erie, Pa	15
Mrs. Mary A. Clement, 70 State st., Boston, Mass	2
Mrs. Esther Everest Clements, 96 Chili ave., Rochester, N. Y	10
Mr. James C. Clements, 96 Chili ave., Rochester, N. Y	5
Mrs. Anna B. Clementson, care of Hamilton Trust Co., Brooklyn, N. Y	10
Cleveland Trust Co., Cleveland, Ohio	24

	Shares.
Mr. J. B. Clews, 18 Broad st., N. Y. City	15
Mess. Henry Clews & Co., 15 Broad st., N. Y. City	11
Mrs. Harriet A. Close, 170 West 59th st., N. Y. City	120
Mr. John F. Close, Greenwich, Conn	5
Mr. W. H. Close, 170 West 59th st., N. Y. City	10
Mrs. Mary B. Clough, Berkeley pl. & N. Mountain ave., Montclair, N. J	25
Mr. George B. Cluett, care of Mr. E. Harold Cluett, Troy, N. Y	22
Mr. Chas. P. Coane, 38 No. Second st., Philadelphia, Pa	6
Mr. Geo. H. Cobb, room 802 Kilmer Bldg., Binghamton, N. Y	10
Mr. C. M. Coburn, 116 Arlington ave., East Orange, N. J	45
Mrs. Mary E. Coburn, 116 Arlington ave., East Orange, N. J	50
Mr. Alex. Smith Cochran, 6 Hudson st., Yonkers, N. Y	83
Mrs. Kate Hawley Cochran, 2000 Park ave., Baltimore, Md	20
Mr. M. B. Cochran, P. O. box 166, Pittsburg, Pa	20
Mrs. Mary S. Cochran, P. O. box 166, Pittsburg, Pa	5
Eva S. Cochran et al., trustees, 6 Hudson st., Yonkers, N. Y.; Eva S. Cochran, Alex. Smith Cochran, & Wm. F. Cochran, jr., trustees under will of Wm. F. Cochran	83
Mrs. Elizabeth L. Cockrill, Ridge and Beech ave., Walbrook, Balto., Md	1
Mrs. Hannah B. Cocks, Locust Valley, L. I	30
Mr. John Cocks, care of L. I. Loan & Trust Co., 44 Court st., Brooklyn, N. Y	10
Mrs. Mai Rogers Coe, 6 East 83rd st., N. Y. City	1,050
Mr. John E. Coggeshall, 359 Carlton ave., Brooklyn, N. Y	30
Mrs. Elizabeth S. Cogswell, 1461 East boulevard, Cleveland, Ohio	4
Mr. Ledyard Cogswell, 318 State st., Albany, N. Y	30
Miss Grace A. Cohen, 427 Putnam ave., Brooklyn, N. Y	3
Miss Jennie M. Cohen, 282 Clifton pl., Brooklyn, N. Y	5
Mess. Cohen Bros. & Co., 424 Broadway, New York City	10
Mrs. Caroline E. Coit, care of Cleveland Stamping & Tool Co., Cleveland, Ohio	1
Mrs. Martha A. Coit, 2732 Main st., Buffalo, N. Y	8
Mrs. Alice K. Cole, 57 West 58th st., N. Y. City	30
Mrs. Carrie W. Cole, 20 Taylor st., West Brighton, S. I	4
Miss Lydia E. Cole, 2221 40th st., East Cleveland, Ohio	10
Mrs. Margaret C. Cole, box 3209, Boston, Mass	2
Mrs. Mary E. Cole, 15 Marion st., Brooklyn, N. Y	5
Mr. Thomas J. Cole, 2221 40th st., East Cleveland, Ohio	10
Mrs. Helen Emma Colebrook, care of Byng, Foley & Co., 4 Tokenhouse Bldg., London, E. C., Eng	10
Mr. Roland John Colebrooke, care of Byng, Foley & Co., 4 Tokenhouse Bldg., London, E. C., Eng	35
Mrs. Margaret J. Coleman, 28 Wymore ave., East Cleveland, Ohio	10
Miss Helen Collamore, 317 Commonwealth ave., Boston, Mass	20
Mr. E. E. Colling, Oil City, Pa	7
Miss Emily M. Colling, care of Mr. C. B. Colling, Oil City, Pa	1
Miss Florence A. Colling, care of Mr. C. B. Colling, Oil City, Pa	1
Mrs. Linnie E. Colling, Oil City, Pa	1
Mrs. Mary A. Colling, care of Mr. Chas. H. Lay, jr., Oil City, Pa	1
Mrs. Annie Collings, 3544 Biddle st., Clifton, Cincinnati, Ohio	15
Mr. Hardin Collings, Pendennis Club, Louisville, Ky	11
Mrs. Burd Thaw Collins, P. O. box 1073, Pittsburg, Pa	206
Mr. Robert A. Collins, R. D. 1, Wilkinsburg, Pa	10
Mr. George W. Colloid, 884 5th ave., N. Y. City	100
Mrs. Martha T. Fiske Collord, 884 5th ave., N. Y. City	2,150
Mrs. Elizabeth M. Colt, Bristol, R. I	2
Mr. Harris D. Colt, 30 Broad st., N. Y. City	50
Mr. Geo. W. Colton, 1350 Pacific st., Brooklyn, N. Y	320
Miss Harriette A. Colton, 1350 Pacific st., Brooklyn, N. Y	28
Miss Annie Comfort, Morrisville, Bucks Co., Pa	43
Mrs. E. J. Comfort, care of Guaranty Trust Co., 28 Nassau st., N. Y. City	210
Mr. Samuel Comfort, care of Guaranty Trust Co., 28 Nassau st., N. Y. City	220
Est. of Elizabeth Comstock, Chemung Canal Tr. Co., admr., Elmira, N. Y	13
Mr. Franklin G. Comstock, East Hartford, Conn	11
Mr. H. W. Comstock, Dallas, Texas	9

	Shares.
Miss Lydia Comstock, Charleston, W. Va	12
Mr. W. F. Comstock, P. O. box 582, Charleston, West Va	27
Mr. L. H. Conant, room 1401, 30 Broad st., N. Y. City	60
Mr. George P. Conard, 97 St. James pl., Brooklyn, N. Y	13
Mrs. Helen H. Conard, 97 St. James pl., Brooklyn, N. Y	5
Concord Mutual Fire Ins. Co., Concord, N. H	15
Mrs. Della B. Conery, P. O. box 719, Bellevue, Ohio	35
Mrs. Fannie DeWolf Conklin, Hackensack, N. J	1
Mr. E. C. Conkling, Standard Oil Co., Detroit, Mich	5
Mr. E. W. Conley, 265 Western Promenade, Portland, Me	200
Mr. William R. Conley, 30 Judson st., Albany, N. Y	2
Mr. Chas. A. Conlon, 71 Broadway, N. Y. City	1
Est. of Frederick A. Constable, 9 East 83rd st., New York City	1,000
Mr. H. Content, 50 Broadway, N. Y. City	1
Mr. E. C. Converse, jr., 86 Trinity pl., N. Y. City	5
Mr. Edmund C. Converse, care of American Bank Note Co., P. O. box 781, N. Y. City	200
Harry E. Converse, John D. Long, et al., 101 Milk st., Boston, Mass Harry E. Converse, John D. Long, Moorfield Storey, Frank B. Bemis, trustees under the will of Elisha S. Converse	200
Mrs. Fannie A. Converse, 2096 East 40th st., Cleveland, Ohio	1
Mr. Albert G. Cook, 269 Greene st., Woonsocket, R. I	10
Mrs. Grace M. Cook, 1 W. North st., Ilion, N. Y	100
Mr. T. Henry Cook, 773 Springfield ave., Summit, N. J	2
Mrs. Clara Walton Cook, 1203 Western ave., Allegheny, Pa	50
Mrs. Eleanor B. Cooke, West Walnut lane, Germantown, Pa	37
Mrs. Nina L. B. Cooke, 122 South Fourth st., Philadelphia, Pa	10
Mrs. Sarah G. Cooke, 22 Hanley Apartment, care of R. Deland, Detroit, Mich	4
Mrs. Mary Hurst Cookman, 906 St. Paul st., Baltimore, Md	10
Mrs. Kathryn Coon, care of Fifth Ave. Trust Co., 5th ave. and 43rd st., N. Y. City	10
Mr. M. V. Coons, care of Garfield Savings Bank, Cleveland, Ohio	40
Mrs. Carrie W. Cooper, 113 Ontario st., Providence, R. I	9
Mrs. Drusilla Cooper, 716 Euclid ave., Cleveland, Ohio	20
Est. of E. P. Cooper, care of The Pennsylvania Co., 517 Chestnut st., Phila., Pa	5
Mr. James Fenimore Cooper, 25 No. Pearl st., Albany, N. Y	125
Mrs. Jennie S. Cooper, 11 Sprague ave., Bellevue, Pa	20
Est. of John W. Cooper, care of Mr. Eugene C. Burrows, Exr., 12-14 Cliff st., N. Y. City	10
Mrs. Mary R. Cooper, 88 Baldwin ave., Newark, N. Y	1
Mr. S. L. Cooper, 96 Western ave., Albany, N. Y	40
Mrs. Susan L. Fenimore Cooper, 493 State st., Albany, N. Y	60
Frances Louise Copeland, N. Y. Produce Ex. Bank, Central Park Branch, N. Y. City	2
Mrs. Marie K. Copeland, 242 West 101st st., N. Y. City	2
Mrs. Augusta E. Corbin, Webster, Mass	25
Mr. Albert Cordes, 16 Exchange pl., N. Y. City	15
Mr. E. B. Core, 572 Fifth ave., N. Y. City	10
Mr. D. P. Corey, 2 Berkeley st., Malden, Mass	40
Mr. John Corlett, 199 Prospect st., Cleveland, Ohio	20
Mr. John J. Corlett, Knox, Pa	2
Mrs. Mary Agnes Corlies, 160 Columbia Heights, Brooklyn, N. Y	50
Mrs. Mary B. Corlies, Plainfield, N. J	50
Est. of Sarah R. Cornell, 215 Montague st., Brooklyn, N. Y	250
Mr. H. B. Corner, care of Citizens' Sav'gs & Loan Assn., Cleveland, Ohio	20
Mrs. Tilsey H. Cornish, care of Mr. S. H. Cornish, 132 Pearl st., N. Y. City	5
Mr. Jesse B. Cornwall, care of Cornwall & Patterson Mfg. Co., Bridgeport, Conn	10
Mrs. Jenny A. Cornwell, 222 West 45th st., N. Y. City	6
Est. of David F. Corser, 212 Cumberland st., Portland, Me	15
Mrs. Emma Pollock Corss, Lock Haven, Pa	30
Mr. James H. Corwin, Riverhead, L. I	5
Mr. Charles H. Cory, Lima, Ohio	5

	Shares.
Mr. John Costley, jr., room 604, building	2,150
Mrs. Mary D. Cotton, 34 Walnut Lane, Germantown, Phila., Pa	20
Mr. William D. Cotton, care of Atlantic Refining Co., Philadelphia, Pa	50
Mr. W. P. Cowan, 5 Wabash ave., room 32, Chicago, Ill	420
Mrs. Sarah B. Cowles, care of Mess. E. B. & C. P. Cowles, 66 Broadway, N. Y. City	75
Mrs. Mary H. Cozzens, 3848 Prospect ave., Garfield Hotel, Cleveland, Ohio	30
Mrs. Annie F. Crafts, 404 Vanderbilt ave., Brooklyn, N. Y	85
Miss Katharine A. Crafts, care of Mr. Wm. Gordon Ver Planck, 149 Broadway, N. Y. City	10
Mrs. Carrie R. Craig, care of Mr. Theodore Royer, Piqua, Ohio	28
Mr. E. G. Craig, Keswick, Albemarle Co., Va	20
Miss Hattie Mabel Crall, Mr. Leander H. Crall, room 521, 225 Fifth ave., N. Y. City	5
Mr. Leander H. Crall, room 521, Brunswick Bldg., 225 Fifth ave., N. Y. City	300
Mr. Howard Elmer Crall, room 521, Brunswick Bldg., 225 Fifth ave., N. Y. City	10
Mrs. Harriet A. Cramer, Glenmore & Miller aves., sta. E, East N. Y	4
Mr. John H. Cramer, Glenmore & Miller aves., sta. E, East New York, N. Y	16
Mrs. Alice W. Cramp, 1706 Locust st., Philadelphia, Pa	2
Mr. Theodore W. Cramp, 214 Real Estate Trust Bldg., Philadelphia, Pa	25
Mr. A. H. Crane, 46 Wall st., N. Y. City	100
Mrs. Aline E. Crane, Belvidere, N. J	14
Mr. Edward A. Crane, care of Mess. Crane & Lockwood, 46 Wall st., N. Y. City	10
Mrs. Elizabeth A. Crane, 500 Madison ave., N. Y. City	5
Mrs. Florence W. Crane, 24 Hobart ave., Summit, N. J	6
Mrs. Sarah N. Crane, care of Fifth Ave. Bank, N. Y. City	35
Mr. Clare J. Crary, Warren, Pa	80
Miss Harriette E. Crary, 27 West 10th st., N. Y. City	20
Mr. Jerry Crary, Warren, Pa	10
Mrs. Annie L. Crawford, 4033 Spruce st., Philadelphia, Pa	3
*Mrs. Edna G. Crawford, care of Mr. Everett L. Crawford, 1 Nassau st., N. Y. City	317
Mr. Frank L. Crawford, 32 Liberty st., N. Y. City	20
Dr. J. M. Crawford, Union Trust Building, Cincinnati, Ohio	10
Mrs. Sarah J. Crawford, Adrian, Mich	2
Mess. Crawford & Gregory, Emlenton, Pa	5
Mr. Harry C. Creamer, 96 John st., N. Y. City	1
Mr. W. G. Creamer, 96 John st., N. Y. City	14
Mr. Samuel A. Crocker, 35 West 5th st., Cincinnati, Ohio	5
Mrs. Esther H. Cromwell, care of Mr. F. Cromwell, 32 Nassau st., N. Y. City	28
Mr. Frederic Cromwell, 32 Nassau st., N. Y. City	240
Mr. H. Taylor Cronk, 12 Fifth ave., N. Y. City	3

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Mrs. E. W. Crookshank, care of Guaranty Trust Co., 28 Nassau st., N. Y. City	12
*Mr. Livingston Crosby, 31 Nassau st., N. Y. City:	
Lillian M. Crosby	25
Mary Crosby	25
Mrs. Annie D. Cross, care of E. J. D. Cross, 114 E. Eager st., Baltimore, Md	10
Mr. Harry P. Cross, gdn., 32 Westminster st., Providence, R. I. (Harry P. Cross, guardian, Lorania C., Harry K., and Frances K. Cross)	5
Mrs. Virginia Gammell Cross, 66 Cooke st., Providence, R. I	10
Mr. Wilkinson Crossley, Hampton Court, Brookline, Mass	1
Mr. Frederic Crounse, Nassau, Rensselaer Co., N. Y	5
Mrs. Melva M. Crounse, Altamont, N. Y	5
Mr. Charles M. Crouse, Syracuse, N. Y	100
Mrs. Eliza Crouse, Syracuse, N. Y	100

	Shares.
Mr. Charles E. Crowell, Box 35, Atlantic Highlands, N. J	15
Mr. Edwin A. Cruikshank, 141 Broadway, N. Y. City	10
Miss M. Nataline Crumpton, care of Mr. Frank F. Nicola, Farmers' Bank Bldg., Pittsburg, Pa	21
Miss Anna M. Culbert, 54 East 34th st., N. Y. City	3
Mrs. Ellen Culbertson, 210 Petroleum st., Oil City, Pa	50
Mr. P. Cumming, 5 & 7 Park pl., N. Y. City	50
Mr. Silas W. Cummings, P. O. Box 332, Providence, R. I., "Personal"	10
Miss Janet M. Cumston, 871 Beacon st., Boston, Mass	33
Miss Jane W. Cunningham, care of Mr. Malcolm Campbell, 25 Pine st., N. Y. City	10
Mr. Francis Cuomo, 213 Clinton ave., Brooklyn, N. Y	2
Mrs. Emma W. Cupp, Galion, Ohio	17
Mrs. Alice G. Curran, 458 East 176th st., care of Thos. J. Curran, N. Y. City	1
Mr. James Ross Curran, 42 East 57th st., N. Y. City	125
Mr. Albert M. Curry, 493 Classon ave., Brooklyn, N. Y	3
Mrs. Phebe C. Curry, 493 Classon ave., Brooklyn, N. Y	5
Mrs. Annie E. Curtis, Sandy Hook, Conn	2
Mr. Atherton Curtis, care of Fifth Ave. Bank, N. Y. City	60
Mr. Carleton Curtis, care of Fifth Ave. Bank, N. Y. City	22
Est. of Eliza M. Curtis, care of Perkins & Butler, 38 Park row, N. Y. City	100
Mr. G. Warrington Curtis, care of Fifth Ave. Bank, N. Y. City	170
Helen M. Curtis and James S. Newton, tr., goes Helen M. Curtis Helen M. Curtis and James S. Newton, trustees under will of J. Gardner Curtis Mrs. Helen M. Curtis, Hotel Bon Air, 1479 Beacon st., Brookline, Mass	15
Mrs. Jane R. Curtis, Waddington, St. Lawrence Co., N. Y	8
Mrs. L. A. Curtis, 986 Fifth ave., N. Y. City	12
Mrs. Lila Morse Curtis, care of Fifth Ave. Bank, N. Y. City	9
Mrs. Louise Burleigh Curtis, care of Fifth Ave. Bank, N. Y. City	65
Mrs. Martha H. Curtis, 52 East 81st st., N. Y. City	20
Mr. Samuel T. Curtis, Standard Block, Cleveland, Ohio	55
Mrs. Sarah A. Curtis, 61 Imlay st., Hartford, Conn	7
Mr. William Curtis, Whiting, Lake Co., Ind	40
Mess. Curtis & Sanger, 53 State st., Boston Mass	50
Miss Dorothea Curtiss, care of Mr. W. H. Curtiss, 140 Nassau st., N. Y. City	3
Mr. Frank Curtiss, 750 Washington st., N. Y. City	100
Mr. John S. Curtiss, care of Atwood, Violett & Co., 7 New st., N. Y. City	9
Miss Katherine S. Curtiss, care of Mr. W. H. Curtiss, 140 Nassau st., N. Y. City	1
Miss Lillian S. Curtiss, care of Mr. W. H. Curtiss, 140 Nassau st., N. Y. City	3
Mr. G. M. Cushing, Knox P. O., Clarion Co., Pa	40
Mrs. Elizabeth S. Cushing, 285 State st., Albany, N. Y	15
Mr. F. T. Cuthbert, care of Manhattan Oil Co., Lima, Ohio	1
Mrs. Rosa F. Cuthbert, 148 West 118th st., N. Y. City	4
Mrs. Annie F. Cutler, 10 Everett ave., Chelsea, Mass	2
Dr. Charles N. Cutler, 10 Everett ave., Chelsea, Mass	1
Mr. Walter P. Cutler, Room 1000, Building	10
Mr. Ralph L. Cutter, P. O. Box 280, N. Y. City	35
Mrs. Louisa Daintry, "The Poplars," Cuburg, Ontario, Can	9
Mr. John Dais, 107 South st., N. Y. City	20
Mrs. Edith Freeman Dallet, 101 Munn ave., East Orange, N. J	40
Mrs. Henrietta M. Dalman, care of Commercial & Savings Bank, Racine, Wis	30
Mrs. Lucy I. Dalstein, care of Clark, Chapin & Bushnell, 393 Greenwich st., N. Y. City	15
Mrs. Sarah Evelyn Dana, care of Mess. Jesup & Lamount, room 604, building	15
Mrs. Helen P. Dane, Roughwood, Chestnut Hill, Mass	100
Mr. Frederick W. Danforth, 818 Mutual Life Bldg., Buffalo, N. Y	2
Mrs. Clara Dangler, care of Dangler Mfg. Co., Cleveland, Ohio	66
Mr. D. Edward Dangler, agt., Cleveland, Ohio	4

	Shares.
Mrs. Effie S. Dangler, care of Mr. D. E. Dangler, Cleveland, Ohio	8
Mrs. Harriett C. Daniel, care of Capt. E. W. Van C. Lucas, P. O. B. 106, Wilmington, N. C	7
Mrs. Gertrude Potter Daniels, 4750 Woodlawn ave., Chicago, Ill	195
Miss M. Josephine Daniels, Claverack, Columbia Co., N. Y	9
Miss Sarah E. Daniels, Claverack, Columbia Co., N. Y	60
Mrs. Ada Dannenhauer, 1811 South 58th st., Philadelphia, Pa	5
Comte D. d'Aramon, la Grande Garenne par Neuvy sur Barangeon, Cher., France	20
Mr. Elmer A. Darling, Fifth Ave. Hotel, N. Y. City	25
Mrs. Mary H. Darling, 1 Kilby st., Worcester, Mass	1
Mr. Harry Darlington, Fidelity Bldg., Pittsburg, Pa	336
Mess. Darr, Luke & Moore, 25 Broad st., N. Y. City	65
Countess Gaston d'Arschot, 27 West 10th st., N. Y. City	30
Mrs. Mary H. Dater, care of Mr. E. St. John Hays, 71 Broadway, N. Y. City	5
Mr. Clarence Dauphinot, care of Goldman, Sachs & Co., 43 Exchange pl., N. Y. City	300
Mrs. Hannah Davenport, care of Edward H. Floyd-Jones, 51 Wall st., N. Y. City	1
Mrs. Jeannette S. Davenport, 236 Carlton ave., Brooklyn, N. Y	1
Mr. Julius B. Davenport, Fulton & Oxford sts., Brooklyn, N. Y	1
Mr. D. J. Daverin, room 1306, building	6
Mr. John Davidson, 203 Broadway, N. Y. City	5
Mr. Richard T. Davies, 567 West End ave., New York City	30
Mess. Davies, Thompson & Co., 30 Pine st., N. Y. City	1
Mrs. Anna T. R. Davis, Trinity Ch. Rectory, care of Rev. B. J. Davis, Santa Barbara, Cal	5
Mr. Charles H. Davis, 72nd st. & Boulevard, Hotel St. Andrew, N. Y. City	100
Mr. Edward H. Davis, Mesa Grande, San Diego Co., Cal	13
Mrs. Eleanor B. Davis, 3822 Clifton ave., Cincinnati, Ohio	2
Miss Emma C. Davis, Cleveland Public Schools, 466 Rose Bldg., Cleveland, O	15
Miss Emma C. Davis, Box 43, Redlands, R. F. D., Cal	12
Miss Emma E. Davis, 1012 Witherspoon Bldg., Philadelphia, Pa	5
*Miss Emma E. Davis et al., Tr., 1012 Witherspoon Bldg., Philadelphia, Pa. (Emma E. Davis, James J. Davis, William W. Davis, trustees)	116
Miss Freelove Davis, care of Mr. Geo. W. Kittredge, 335 Madison ave., N. Y. City	4
H. L. Davis, trustee, Mrs. Hattie H. Baldwin, care of Mr. E. E. Baldwin, United States attorney's office, City	8

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Mr. H. L. Davis, jr., 423 Stafford st., Germantown, Phila., Pa	25
Mrs. Hannah B. Davis, 3822 Clifton ave., Cincinnati, Ohio	2
Mr. Henry L. Davis, 1012 Witherspoon Bldg., Philadelphia, Pa	24
Mr. Irving G. Davis, Box 43, Redlands, R. F. D., Cal	13
Mr. James J. Davis, 26 Wardell st., Astoria, L. I	5
Mr. James J. Davis, trustee, 1012 Witherspoon Bldg., Philadelphia, Pa. (James J. Davis, William W. Davis, Emma E. Davis, trustees)	6
Mrs. J. M. Davis, 83 Westfield ave., Elizabeth, N. J	7
Mrs. Maude G. Davis, 96 Church st., Montclair, N. J	18
Est. of V. Jefferson Davis, care of Mr. J. A. Hayes, Colorado Springs, Colo	2
Mr. William P. Davis, 72 Perkins st., Charleston, Mass	20
Mr. William W. Davis, 1329 Washington ave., St. Louis, Mo	16
Central Trust Co. of New York, substituted trustee for Carrie Theresa Davison, Central Trust Co., 54 Wall st., N. Y. City	21
Central Trust Co. of New York, substituted trustee for Ella Howard Davison	21
Central Trust Co. of New York, substituted trustee for Evelina B. Davison	21
Mr. George W. Daw, care of Weidman Ward & Co., 443 Broadway, N. Y. City	10

	Shares.
Mrs. Clara R. Day, 156 Fifth ave., care of Mr. D. H. Day, N. Y. City	1
Mrs. Emily R. Day, The Victoria, 315 West 97th st., N. Y. City	2
Mrs. Mary Horne Day, 52 Page ave., East Cleveland, Ohio	5
Mr. Stephen S. Day, 23 Olyphant pl., Morristown, N. J	10
Mess. R. L. Day & Co., 37 Wall st., N. Y. City	15
Mess. Day, Adams & Co., 45 Wall st., N. Y. City	515
Mrs. Ann Daykin, 153 Walton ave., Cleveland, Ohio	1
Mr. John Dayton, Greenwich, Conn	20
Mr. Williford Dayton, box 16, Harrington Park, N. J	10
Mr. Godfrey Dazet, 49 Exchange pl., N. Y. City	800
Mr. Chas. A. Dean, care of The Hamilton Trust Co., Paterson, N. J	25
Mrs. Josephine W. Dean, The Bartram, 33rd & Chestnut sts., Philadelphia, Pa	240
Mr. L. W. Dean, Waterville, N. Y	1
Miss Mary H. Deane, 80 Sparks st., Cambridge, Mass	10
Mr. Walter Deane, 29 Brewster st., Cambridge, Mass	10
Miss Oceana Dearborn, 29 Mt. Morris Park, west, New York City	5
Mr. Lemuel A. De Bary, 30 Broad st., N. Y. City	475
Mrs. Caroline A. De Bevoise, 831 St. Marks ave., Brooklyn, N. Y	121
Mrs. Ada H. de Bocande, care of Munroe & Co., bankers, Paris, France	2
Marquis Desmiers de Chenon, care of Mess. John Munroe & Co., 32 Nassau st., N. Y. City	7
Mr. Wm. F. Decker, care of Mess. Wm. A. Read & Co., 25 Nassau st., N. Y. City	1
Mess De Coppet & Co., 43 Exchange pl., N. Y. City	10
Mr. Wm. A. Deering, 120 Nassau st., N. Y. City	6
Miss Eugenie Defacqz, 91 Rue Jouffroy, Paris, France	6
Union Trust Co., Trustees for Marie Max de Foras, 80 Broadway, N. Y. City	14
Mrs. Anna M. S. De Forest, care of Nat'l Bank of Schuylerville, N. Y	50
Est. of Mary T. De Forest, care of Mr. John J. Gallogly, Nat. Exch. Bank, Albany, N. Y	50
Mr. Geo L. Degener, 20 Broad st., N. Y. City	10
Mrs. Adelaide M. de Groot, care of Stamford Natl. Bank, Main st., Stamford, Conn	3
Mrs. Emma P. de Groot, Allenhurst, N. J	20
Mrs. Elizabeth K. de Groot, care of Stamford Natl. Bank, Main st., Stamford, Conn	10
Miss Grace L. T. de Groot, care of Farmers Loan & Tr. Co., P. O. B. 1510, N. Y. City	7
Miss Mary de Groot, care of Farmers Loan & Tr. Co., P. O. B. 1510, N. Y. City	7
Mess. De Haven & Townsend, 40 Wall st., N. Y. City	37
Miss Helena L. Dejonge, 65 Beach st., Stapleton, S. I	3
Mr. Julius D. Dejonge, 65 Beach st., Stapleton, S. I	1
Mr. Mark W. Dejonge, 65 Beach st., Stapleton, S. I	1
Miss Mary Deland, 135 Adams st., Fremont, Ohio	5
Miss E. Dinmore Delaney, care of Miss K. I. Harrison, room 1102, Building	1
Mrs. Mary F. Delaney, 2464 Glenwood ave., Toledo, Ohio	10
Mr. S. C. L. Delano, Marion, Plymouth Co., Mass	25
Baron Raymond de Monticourt, 1 Rue du Bac, Paris, France	55
Anna Morris Zborowska de Montsaulnin, 5 Rue Nitot Pl. des Etats-U's, Paris, France	1,000
Mrs. Helen F. de Morelos, 6 Square du Bois de Boulogne, Paris, France	400
Mrs. Dometille Denison, 221 Clinton ave., Brooklyn, N. Y	2
Mr. W. E. Denison, Sag Harbor, L. I	5
Miss Sadie E. Denman, Ellenville, N. Y	15
Mrs. Emily P. Dennis, 30 Central ave., Newark, N. J	60
Mr. Frank E. Dennis, Carbondale, Pa	10
Miss Helen Dennis, care of Mrs. Helen D. Given, 141 Heller parkway, Newark, N. J	50
Dr. Laban Dennis, 30 Central ave., Newark, N. J	50
Mrs. Sarah E. Dennis, 30 High st., Norwalk, Conn	31
T. Richard Denzer, in trust, care of Morris Joseph, 37 Wall st., N. Y. City	2
Mr. T. Richard Denzer, 104 Bleecker st., New York City	3

	Shares
Mr. Chauncey M. Depew, Grand Central Station, N. Y. City	200
Deposite & Administratie Bank, Rotterdam, Holland	20
Marquis Guilhem de Pothuau, care of Mess. Morgan, Harjes & Co., Paris, France	50
Mrs. Lillian Derby, 97 Washington ave., Oil City, Pa	46
Mr. Robert Derby, 571 Woodward ave., Atlanta, Ga	16
Mr. Chas. de Rham, jr., 18 Wall st., New York City	15
Mrs. Ella V. Dering, Utica, N. Y	6
Mr. Albert Dernham, care of Buckingham & Hecht, San Francisco, Cal	10
Mrs. Olga Deschere, 334 West 58th st., N. Y. City	2
Mrs. Lizzie Desenberg, 314 So. Park st., Kalamazoo, Mich	10
Mr. Charles F. Deshler. 546 Fifth ave., N. Y. City	3
Mr. John G. Deshler, Columbus, Ohio	10
Comte Chas. M. S. DeValicourt, care of Mess. John Munroe & Co., 30 Pine st., N. Y. City	5
Mr. Louis N. DeVausney, 18 Broadway, N. Y. City	285
Mrs. Sarah H. DeVeau, 59 East 53rd st., N. Y. City	1
Mr. Edward I. Devlin, 346 Broadway, N. Y. City	110
Mrs. Marion M. DeVoe, 226 Orchard st., Elizabeth, N. J	3
Mr. W. W. Dewhurst, St. Augustine, Fla	10
Mrs. Fannie C. Dewing, 80 Buckingham st., Hartford, Conn	4
Mr. W. A. DeWolf, 52 Wall st., N. Y. City	200
Mr. Frank G. Dexter, 338 Broadway, N. Y. City	1

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Mrs. Lucy W. Dexter, 80 Sparks st., Cambridge, Mass	10
Mrs. Bertha Dezenberg, cor. Lovett & St. John's pl., Kalamazoo, Mich	10
Mr. Harris B. Dick, P. O. Box 975, N. Y. City	120
Mrs. Nellie Draper Dick, Wilmington, N. C	100
Mr. Wm. Dick, 84 Broadway, Brooklyn, N. Y	20
Mr. Walter T. L. Dickie, 233 Keap st., Brooklyn, N. Y	3
Miss Ella L. Dickinson, 215 High st., Middletown, Conn	3
Miss Jennie C. Dickinson, 215 High st., Middletown, Conn	3
Miss Clara Dickson, Sewickley, Pa	1
Mrs. Mary Y. Dickson, 17 Battery pl., N. Y. City	50
Mr. Henry J. Diering, Woodlawn, Kingsbridge Station, N. Y. City	5
Mr. Gerold Dieterlen, 220 5th ave., New York City	10
Mr. Georges Dieusy, 70 Rampe Bouvrueil, Rouen, France	25
Miss Cora G. Dildine, 2475 Robinwood ave., Toledo, Ohio	1
Mrs. Ella G. Dildine, 2475 Robinwood ave., Toledo, Ohio	1
Mr. Gibson P. Dildine, 137 West North st., Lima, Ohio	1
Miss Helen G. Dildine, 2475 Robinwood ave., Toledo, Ohio	1
Mrs. Frances M. Dillingham, 1214 Rusk ave., Houston, Tex	20
Mrs. Mary O. Dimmick, Kingston, N. Y.	25
Mrs. Ida A. Dingee, 202 Lewis st., N. Y. City	20
Mr. Mont H. Dingee, Lynchburg, Va	15
Mrs. Martha Dingley, Painesville, Ohio	2
Mr. John T. Dismukes, St. Augustine, Fla	40
Mrs. Lute B. Dismukes, St. Augustine, Fla	3
Mr. Charles H. Ditson, 8–12 East 34th st., N. Y. City	200
Miss Estelle Dittenhoefer, 17 East 83d st., N. Y. City	3
Mrs. Elizabeth L. Dixon, 159 Farmington ave., Hartford, Conn	5
Mr. George S. Dixon, Worcester, Mass	65
Rev. Joseph K. Dixon, 27 Vick Park A, Rochester, N. Y	2
Mrs. M. Louise P. Dixon, 52 West 49th st., N. Y. City	10
Mr. Rufus S. Dixon, 222 Front st., Worcester, Mass	11
Mrs. Ida F. Doane, care of Mr. W. H. Doane, 601 4th Nat. Bank Bldg., Cincinnati, Ohio	34
Miss Marguerite T. Doane, care of Mr. W. H. Doane, 601 4th Nat. Bank Bldg., Cincinnati, Ohio	34
Mr. W. H. Doane, 601 Fourth Nat. Bank Bldg., Cincinnati, Ohio	132
Mrs. Priscilla Dobson, Greenwich, Conn	1
Mrs. Mary Dodd, 260 Clarendon st., Boston, Mass	10
Est. of S. C. T. Dodd, care of Mr. Charles W. McCandless, 60 Wall st., N. Y. City	20

	Shares
Mrs. Ellen Dodge, care of Mr. George Barrow, P. O. box 54, Skaneateles, N. Y	125
Rev. James W. A. Dodge, Tuckahoe, N. Y	12
Mr. Philip T. Dodge, Tribune Building, N. Y. City	35
Mrs. Leila S. Dohrmann, 226 Greendale ave., Clifton, Cincinnati, Ohio	3
Mr. A. DeW. Dominick, care of Dominick & Dominick, 100 Broadway, N. Y. City	100
Mess. Dominick Bros. & Co., 49 Wall st., N. Y. City	90
Mr. L. F. Dommerich, 57 Greene st., N. Y. City	210
Mr. James Donald, room 1003, building	175
Mr. James M. Donald, care of Hanover Natl. Bank, 11 Nassau st., N. Y. City	10
Mrs. Jessie E. Donald, care of Mr. Wm. Donald, room 106, building	80
Mr. Joseph D. Donald, 81 Fulton st., N. Y. City	100
Mr. Wm. Donald, room 705, building	75
Mrs. Alice M. Donnally, extx. est. of Edward A. Donnally, Loveland, Claremont Co., Ohio	5
Mr. J. C. Donnell, Findlay, Ohio	50
Mr. William T. Donnelly, 52 Broadway, N. Y. City	6
Mr. H. W. Donovan, care of Bankers Trust Co., 7 Wall st., N. Y. City	200
Mr. H. J. Doolittle, 2106 Euclid ave., Cleveland, Ohio	1
Mr Wm. F. Doolittle, 2106 Euclid ave., Cleveland, Ohio	2
Mrs. Anna J. Dorman, 8210 Cedar ave. SE., Cleveland, Ohio	5
Mr. Frank A. Dossman, 1322 Bremen st., Cincinnati, Ohio	6
Mr. Elmer A. Doten, 461 Cumberland ave., Portland, Maine	5
Est. of James R. Doudge, 33 West 49th st., N. Y. City	100
Miss Mary S. Dougherty, care of Mrs. Sarah E. Dougherty, 1320 Dean st., Brooklyn, N. Y	8
Mrs. Sarah E. Dougherty, 1320 Dean st., Brooklyn, N. Y	4
Mrs. Martha W. Doughty, 239 Washington ave., Brooklyn, N. Y.	6
Olga Doughty, 289 Washington ave., Brooklyn, N. Y.	1
Mr. Edmund L. Dow, 49 West 57th st., N. Y. City	10
Mrs. Mary B. Dowdle, care of Mr. James Dowdle, Oswego, N. Y.	3
Mrs. Sarah W. Downer, Lakewood, N. J	34
Est. of John Downey, care of Mr. Chas. A. Peabody, exr., 2 Wall st., N. Y. City	300
Mrs. Mary E. Downie, 1323 Davis st., Evanston, Ill	3
Miss Anna E. Downing, Buckingham Hotel, 5th ave. & 50th st., N. Y. City	42
Mr. S. B. Drake, care of Standard Oil Co., Grand Rapids, Mich.	10
Mrs. Emma Louise Draper, Wilmington, N. C	25
Mr. William K. Draper, 121 East 36th st., N. Y. City	3
Miss Dorothea A. Dreier, 6 Montague Terrace, Brooklyn, N. Y.	20
Mr. H. E. Dreier, 22 Remsen st., Brooklyn, N. Y.	20
Geo. F. Victor & H. E. Dreier, trustees for Katherine S. Dreier (Geo. F. Victor et al., tr's for 2 Dreiers, to go Geo. F. Victor)	10
Geo. F. Victor & H. E. Dreier, trustees for Mary E. Dreier (Mr. Geo. F. Victor, care of Mr. H. E. Dreier, 22 Remsen st., Brooklyn, N. Y.)	10
Mrs. Mary E. Dreier, 6 Montague st., Brooklyn, N. Y	10
Mr. John Drew, care of Mr. I. S. Case, cashier 2nd Natl. Bank, N. Y. City	90
Mrs. Josephine Drew, Second Nat'l Bank, N. Y. City	6
Mess. Drexel & Co., Philadelphia, Pa	20
Mr. Ludwig Dreyfuss, 45 Exchange pl., N. Y. City	100
Walter E. Drummond, 26 Broad st., City	40
Mrs Mary A. Drury, 20 Allen st., Jamestown, N. Y	15
Mr. L. B. Dryer, room 1100, Building	6
Mary DuBreuil de St. Germain, 314 Ellicott sq., Buffalo, N Y	20

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Mr. Joseph Dubus, 3747 Pennsylvania ave., Kansas City, Mo	3
Est. of Fannie J. Dudley, care of Anglo-Am. Oil Co., Ltd. (use printed envelope)	10
Mr. John L. Dudley, 114 East 37th st., New York City	20
Est. of Jos. P. Dudley, 53 Coal & Iron Exchange, Buffalo, N. Y.	31
Mrs. Maria B. Dudley, 215 N. Mill st., Lexington, Ky	34

	Shares
Miss Mary B. Dudley, West Winsted, Conn	25
Mrs. Beverly C. Duer, 191 Front st., N. Y. City	38
Mr. Thomas Duffield, Lima Ohio	10
Mrs. Annie W. Dumont, 503 Stelle ave., Plainfield, N. J	50
Mrs. Anne W. Dunbar, care of Mr. F. W. Dunbar, 605 Dun Bldg., N. Y. City	9
*Mr. John D. Bryant, trustee for Caroline Duncan, P. O. Box 1955, Boston, Mass	12
Mrs. Gertrude I. Duncan, 162 Rich ave., Mt. Vernon, N. Y	20
Est. of John P. Duncan, 392 Canal st., N. Y. City	100
Miss Rebecca L. Duncan, care of Mr. Frank C. Brewer, 36 Temple pl., Boston, Mass	2
Mrs. Sarah M. F. Duncan, Freeman & St. Paul sts., Brookline, Mass	30
Mr. Stuart Duncan, 392 Canal st., N. Y. City	10
Mr. William A. Duncan, 22 William st., N. Y. City	19
Mrs. Carrie A. Dunham, 336-a Hancock st., Brooklyn, N. Y	9
Mr. Harry N. Dunham, 120 Broadway, N. Y. City	1
Mr. Joseph E. Dunham, 1082 William st., Elizabeth, N. J	1
Mrs. Grace L. Dunlap, Heburg pl., Montclair, N. J	7
Mrs. Minerva Handren Dunn, care of Mr. A. H. Mosle, 30 Broad st., N. Y. City	50
Miss Eleanor E. Dunning, care of Hawley & Hoops, 271 Mulberry st., N. Y. City	30
Mrs. Parthenia H. Durant, 19 Washington ave., Albany, N. Y	30
Mrs. Amanda S. Dutcher, care of Mr. Chas. M. Dutcher, 248 Sixth ave., N. Y. City	14
Mr. E. P. Dutton, 31 West 23rd st., N. Y. City	25
Mrs. Julia S. Dutton, 31 West 23rd st., N. Y. City	15
Mr. W. S. Gurnee, trustee for Grace G. Dyer, 80 Broadway, N. Y. City	71
Mrs. Mary D. Dyer, 205 Park ave., Syracuse, N. Y	11
Mr. William S. Dyer, 25 North Pearl st., Albany, N. Y	10
Wm. P. Dykes, trustee for Dorothy Dykes, 413 Franklin ave., Ridgewood, N. J	2
Mrs. Ella K. Earl, care of Mr. F. A. Kingsley, 209 Fourth ave., Pittsburg, Pa	33
Mrs. Sophie B. Earle, 231 West 96th st., N. Y. City	10
Mr. George Eastman, Rochester, N. Y	100
Mrs. Jane Eastman, 1552 Elm st., Manchester, N. H	10
Miss Mary C. Eastman, care of Mr. Samuel C. Eastman, Concord, N. H	40
Mr. Samuel C. Eastman, Concord, N. H	25
Mr. James Eastwood, 300 Straight st., Paterson, N. J	20
Mrs. Agnes Eaton, 894 Park pl., Brooklyn, N. Y	1
Miss Elizabeth K. Eaton, 12 West 47th st., N. Y. City	2
Mr. Fred S. Eaton, Calumet, Mich	4
Mrs. Mary Agnes Eaton, P. O. Box 1457, Boston, Mass	1
Mr. Clendenin Eckert, 18 Broadway, New York City	10
Mr. T. T. Eckert, jr., 549 5th ave., N. Y. City	16
Mrs. Abbie W. Eddy, care of Mr. Thos. A. Eddy, 25 Broad st., N. Y. City	1
Mr. Chas. A. Eddy, Bay City, Mich	40
Est. of Francis H. Eddy, care of Miss F. C. Ellis, admx., 44 Patchen ave., Brooklyn, N. Y	12
Mr. Jesse L. Eddy, 17 Battery pl., N. Y. City	2
Mrs. Mary Welles Eddy, care of E. B. Eddy, New Britain, Conn	2
Mr. Thos. A. Eddy, 25 Broad st., N. Y. City	1
Mrs. Mary Edey, care of Mess. C. C. Edey & Sons, 2 Wall st., N. Y. City	1
Mr. Hial S. Edgerly, 67 Fulton st., N. Y. City	1
Mr. Frank O. Edgerton, care of Nat'l Park Bank, N. Y. City	20
Mrs. Julia W. Edgerton, 62 New York ave., Brooklyn, N. Y	13
Miss Lulu C. Edgerton, 62 New York ave., Brooklyn, N. Y	5
Mr. W. E. Edmister, 58 William st., N. Y. City	40
Mr. Jarvis B. Edson, 313 West 74th st., N. Y. City	1
Mrs. Catharine Edwards, 735 ave. C, Bayonne, N. J	15
Mrs. Eliza Thaw Edwards, care of Mess. N. Holmes & Sons, Pittsburg, Pa	825
Miss Hannah M. Edwards, 55 Bellevue st., Fenway P. O., Boston, Mass	20
Mr. Oliver C. Edwards, 735 ave. C., Bayonne, N. J	30

	Shares
Mrs. Elizabeth B. Egenberger, 1205 Garden st., Hoboken, N. J	2
Mrs. Amy W. Eggleston, Bristol, Conn	4
Mr. George Mabon Eggleston, Bristol, Conn	4
Mr. J. E. Eggleston, care of Standard Oil Co., Bayonne, N. J	10
Mrs. Nellie T. Eichelberger, care of Platt Iron Works Co., 311 Dearborn st., Chicago, Ill	6
Mr. E. Eisenman, 35 West 89th st., N. Y. City	10
Mr. Henry F. Eldridge, Newport, R. I	1
Mrs. Belle F. Elebash., 39 West 86th st., N. Y. City	75
Est. of George W. Elkins, room 408 Times Bldg., Pittsburg, Pa	400
Est. of William L. Elkins, 404 Land Title Bldg., Philadelphia, Pa	4800
Mr. Charles P. Ellis, 217 East 72nd st., N. Y. City	5
Miss Franc C. Ellis, 44 Patchen ave., Brooklyn, N. Y	19
Mr. Frank H. Ellis, room 560, Bullitt Bldg., 4th ave. & Walnut st., Philadelphia, Pa	300
Mrs. Ellen Frances Ellison, 1526 Walnut st., Philadelphia, Pa	2
Mrs. H. Sophia Elsbre, Cranford, N. J	2
Mr. Frank H. Elsworth, 36th st. & Ave. E, Bayonne, N. J	26
Mrs. J. Watson Elsworth, 747 Ave. C, Bayonne, N. J	1
Mr. William E. Elsworth, 36th st. & Ave. E, Bayonne, N. J	30
Mr. Alfred Ely, 31 Nassau st., N. Y. City	5
Est. of Chas. D. Ely, Clyde, N. Y	10
Mrs. Helena R. Ely, care of Mr. Alfred Ely, 31 Nassau st., N. Y. City	2
Mr. John B. Ely, 74 North st., Boston, Mass	1
Miss Katherine Ely, 87 West Main st., Freehold, N. J	65
Mr. F. A. Emerick, care of Standard Oil Co., Oswego, N. Y	100
Mr. Quincy P. Emery, 221 Coleman Block, Seattle, Wash	6
Mrs. Annie E. Emmons, care of Mr. Jas. G. Emmons, 17 State st., N. Y. City	10
Mr. David Engel, 10 Stuyvesant ave., Brooklyn, N. Y	4
Mr. Jacob Lewis Englehart, Petrolea, Ontario, Can	15
Mr. C. M. Englis, trustee for John Englis, 2nd, 176 Clinton ave., Brooklyn, N. Y	1
Mrs. Emily M. English, 40 West 45th st., "The Webster," N. Y. City	25
Mrs. Jennie P. English, 7110 Thomas Boul'd, Pittsburg, Pa	5

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Cecile M. Erickson, to be addressed Mrs. A. Wentworth Erickson: Mrs. A. Wentworth Erickson, Box 3, Swampscott, Mass	16
Mr. Jose Espinola, care of Mrs. D. Brisk, 10 Tompkins st., Stapleton, S. I	5
Mrs. Elizabeth D. Espy, 3798 Clifton ave., Cincinnati, Ohio	11
Mr. Thomas D. Esses, 69 Mt. Pleasant ave., Wyoming, Ohio	1
Mr. Edward L. Estabrook, exr., 802 Andrus Bldg., Minneapolis, Minn. (Edward L. Estabrook, as executor of last will of Caroline B. Estabrook)	12
Mr. J. W. Estes, St. Augustine, Fla	5
Mrs. Mary V. Estes, St. Augustine, Fla	2
Mrs. Josephine D. Estey, 198 Washington ave., Brooklyn, N. Y	75
Mrs. Helen White Eustis, 192 E. McMillan st., Mt. Auburn, Cincinnati, O.	27
Mess. Geo. Eustis & Co., Mercantile Library Bldg., Cincinnati, Ohio	50
Mr. Alfred G. Evans, care of Arnold, Constable & Co., 5th ave. & 19th st., City	100
Mr. B. F. Evans, Morristown, N. J	140
Mrs. Blanche Rule Evans, 3 Whitehall Court, London, S. W., Eng	80
Mr. Carsten C. Evans, 26 Ft. Greene pl., Brooklyn, N. Y	10
Mrs. Clara V. Evans, care of Townsend Scott & Son, Baltimore, Md	40
Mr. Clark W. Evans, care of Mr. D. F. Lewis, 135-7 B'way, N. Y. City	35
Mr. Wm. F. Evans, 130 So. Oxford st., Brooklyn, N. Y	20
Miss Amanda M. Everest, P. O. Box 14, Pike, Wyoming Co., N. Y	85
Mr. Arthur J. Everest, 1109 Fair Oaks ave., So. Passadena, Cal	10
Mr. C. M. Everest, care of Vacuum Oil Co., Rochester, N. Y	800
Mr. H. B. Everest, 1109 Fair Oaks ave., So. Pasadena, Cal	300
Mrs. Grace D. Everest, 1109 Fair Oaks ave., So. Pasadena, Cal	5
Miss Nellie A. Everest, 197 Park ave., The Vassar, Rochester, N. Y	10
Mrs. Sophie H. Everest, 350 West ave., Rochester, N. Y	5
Mr. Talbot Ewart, 3 West 56th st., N. Y. City	3

	Shares.
Mrs. Anna C. Ewing, 6 Hudson st., Yonkers, N. Y	84
Mr. Edward Eyre, 1 Hanover sq., New York City	10
Mr. Robert M. Fair, 2222 Calumet ave., Chicago, Ill	10
Miss Louise Fairman, 4744 Kenwood ave., Chicago, Ill	5
Miss Marian Fairman, 4744 Kenwood ave., Chicago, Ill	5
Mrs. Mary J. S. Fairman, 4744 Kenwood ave., Chicago, Ill	10
Estate of D. J. Fallis, care of Merchants' Natl. Bank, Cincinnati, Ohio	100
Mrs. Mary Barker Fareira, care of Astor Natl. Bank, 20 W. 34th st., N. Y. City	5
Mr. N. B. Farrar, care of Brown, Shipley & Co., 123 Pall Mall, London, W., Eng	25
John T. Farrel & Matthias H. Nase, trustees, 1 Madison ave., N. Y. City	26
Mr. George N. Faught, box 1497, Boston, Mass	2
Miss Carrie B. Fay, room 501, 50 Congress st., Boston, Mass	2
Mr. Frank T. Fay, 50 Congress st., Boston, Mass	5
Mr. Malcolm N. Fay, 84 State st., Boston, Mass	2
Mrs. Lavinia Fayerweather, 376 Broadway, Paterson, N. J	25
Mr. Julius Feiss, 113 St. Clair st., Cleveland, Ohio	50
Mr. Louis A. Felix, 44 State st., Boston, Mass	2
Miss Anna Fellers, 55 East 93rd st., N. Y. City	2
Miss Florence Fellers, 55 East 93rd st., N. Y. City	2
Mrs. Anna W. Felton, 86 Prince st., West Newton, Mass	1
Mr. Henry E. Felton, room 1206, Building	14
Mr. Maurice Fenaille, 11 Rue du Conservatoire, Paris, France	200
Mrs. Hannah T. Fenn, 39 Deering st., Portland, Maine	24
Mrs. Mary A. Fenn, 299 Bolton ave., Cleveland, Ohio	4
Mr. William H. Fenn, 39 Deering st., Portland, Me	150
Mrs. May C. Fennessy, care of Mr. Joseph Seep, Oil City, Pa	30
Mrs. Alice R. Fenton, 1320 18th st., Washington, D. C	2
Mrs. Abby S. Ferguson, care of Mr. Thos. D. Fish, 68 South st., N. Y. City	25
Emily A. Ferguson, 228 Macon st., Brooklyn, N. Y	10
Mrs. Helen D. Ferguson, 90 Brinckerhoff ave., Utica, N. Y	6
Mr. Joseph Ferrero, 909 Louisiana ave. NW., Washington, D. C	3
Mrs. Charlotte D. Ferry, care of Mr. E. J. Hancy, 40 Wall st., N. Y. City	12
Mr. John Fertig, Titusville, Pa	120
Mrs. Clara J. Feth, 8th & York sts., Newport, Ky	1
Mrs. Laura Ablett Fetterman, Hawthorn, Clarion Co., Pa	2
Mr. E. G. Feuchwanger, Madison, N. J	5
Mess. Feuchtwanger & Co., 51 Exchange pl., N. Y. City	5
Fidelity Title & Trust Co. of Pittsburgh, James J. Donnell, Catharine A. Warden and Henry L. Davis, trustees, Fidelity Title & Trust Co., Pittsburg, Pa	495
Mrs. Josie Downing Field, 976 Broad st., Newark, N. J	10
Mrs. Ida Stead Fiero, care of Farmers Natl. Bank, Catskill, N. Y	4
Mr. W. H. Filler, Warren, Pa	10
Madame Augustine Filliol, 326 Rue St. Martin, Paris, France	2
Mrs. Emma M. Finch, Summit, N. J	50
Mr. Geo. D. Finlay, 153 Union st., Montclair, N. J	5
Miss Agnes M. Finnegan, 192 McDonough st., Brooklyn, N. Y	18
Miss Grace C. Finnegan, 192 McDonough st., Brooklyn, N. Y	18
Mr. George Firmenich, 171 Washington st., Chicago, Ill	15
Mr. Frank A. Arter, treas., 710 New England Bldg., Cleveland, Ohio	95
Dr. John S. Fischer, 9 East Biddle st., Baltimore, Md	1
Elizabeth Hollister Fish, care of Mess. Vermilye & Co., 16 Nassua st., N. Y. City	12
Mr. Frederick Fisher, 421 Wood st., Pittsburg, Pa	10
Mr. Harry I. Fisher, 421 Wood st., Pittsburg, Pa	20
Mr. R. T. Fisher, 904 Filbert st., Oakland, Cal	1
Mr. William J. Fisher, Scio, Ohio	5
Mrs. Janette C. Fisk, 175 West 58th st., N. Y. City	108
Mess. Harvey Fisk & Sons, 62 Cedar st., N. Y. City	100
Mr. Frederic B. Fiske, 15 Old Slip, N. Y. City	25
Mrs. G. P. Fiske is to be addressed as Mrs. Georgiana P. Fiske, Mrs. Georgiana P. Fiske, Westbrook, Conn	20

	Shares.
Mrs. Louise P. Fiske, care of Mr. F. B. Fiske, 59 Water st., N. Y. City	28
Mr. Thomas P. Fiske, 61 Water st., N. Y. City	150
* Mrs. Georgina P. Fiske, tr., Westbrook, Conn	20

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Mrs. Ellen D. Fitch, Berea, Cuyahoga Co., Ohio	12
Mrs. Florence Hopper Fitch, 300 West 81st st., N. Y. City	65
Mr. Clarence N. Flack, 580 First ave., Troy, N. Y	100
Miss A. C. Flagler, 611 Fifth ave., N. Y. City	750
Mrs. Annie L. Flagler, Edgewood, Millbrook, Dutchess Co., N. Y	1,050
Mr. H. M. Flagler, room 1200, Building	30,500
Mr. Harry Harkness Flagler, Edgewood, Millbrook, Dutchess Co., N. Y	900
Mr. Andrew Freedman, com'tee, 66 Liberty st., N. Y. City	2,670
Mr. John H. Flagler, 200 Broadway, N. Y. City	766
Mrs. Mary Lily Flagler, care of Mr. H. M. Flagler, room 1200, Building	1,000
Flagler Hospital, Mr. Thos. A. Pacetti, treas., St. Augustine, Fla	118
Mrs. Blanche P. Flanagan, care of Garfield Nat. Bank, West 23rd st., N. Y. City	50
Mrs. Emilie Flaurand, 2131 Washington ave., N. Y. City	10
Mrs. Lilly A. Fleischmann, care of Fleischmann & Co., Plum & Perry sts., Cincinnati, Ohio	11
Mess. Fleitman & Co., 486 Broome st., N. Y. City	100
Ophelia J. Fleming, Exrx. est. of Wm. Fleming, 310 Central ave., Oil City, Pa	200
Mr. Dudley D. Fleming, 257 York st., Jersey City, N. J	2
Mrs. Sophia W. Fletcher, care of John A. Fletcher, Middlebury, Vt	2
Mr. T. C. Flinn, 412 East Church st., Elmira, N. Y	6
Mr. A. R. Flower, 52 Broadway, N. Y. City	100
Mrs. Abbie C. Flower, care of Mess. Flower & Co., 52 Broadway, N. Y. City	10
Mess. Flower & Co., 52 Broadway, N. Y. City	503
Mr. H. C. Folger, jr., room 903, Building	2,145
Mr. Stephen Lane Folger, 180 Broadway, N. Y. City	5
Citizens Savings & Trust Co., trustee of Agnes B. Foot, Cleveland, Ohio	40
Mrs. Mary de Groot Foote, 27 West 46th st., N. Y. City	4
Mr. L. W. Forbell, 342 Produce Ex. Bldg., N. Y. City	3
Mrs. Annie H. Forbes, 143 Keap st., Brooklyn, N. Y. } Mrs. Annie H. Forbes, Bonnie View, Katonah, N. Y. }	25
Mr. David Forbes, care of Mess. John Graham & Co., 87 Franklin st., N. Y. City	50
Mrs. Nannie E. Forbes, New Amsterdam Hotel, Fourth ave., N. Y. City	8
Mr. Ephraim S. Force, 85 High st., Passaic, N. J	200
Dr. Walter Forchhenner, Ortis Bldg., Cincinnati, Ohio	2
Mrs. Carrie M. Ford, care of Mr. E. H. Baker, room 1500, Building	10
N. Y. Life Ins. & Trust Co., 52 Wall st., New York City, New York Life Insurance & Trust Co., trustee for Chas. R. Ford et al	106
Mrs. Grace Kidder Ford, care of Edward H. Kidder, 17 Battery pl., N. Y. City	3
Mr. J. Howard Ford, P. O. Box 1553, N. Y. City	250
Mrs. Grace Kidder Ford, gdn. of Lesta Ford, 17 Battery pl., care of Mr. E. H. Kidder, N. Y. City	7
Mrs. Sarah C. Ford, Morristown, N. J	3
Mrs. Harriet T. Forrest, 1045 Asylum ave., Hartford, Conn	3
Mrs. Inez B. Forrest, 110 East 78th st., N. Y. City	6
Mr. Carl G. Forsberg, 80 Broadway, N. Y. City	110
Mr. Frederick P. Forster, 45 William st., N. Y. City	100
Mr. Robert Forsyth, 1159 The Rookery, Chicago, Ill	100
Mrs. H. Caroline Foss, care of Miss Caroline M. Foss, 500 Fifth ave., N. Y. City	40
Mr. Wilson P. Foss, Haverstraw, N. Y	10
Mr. Dwight B. Foster, care of Penna. Lubricating Co., Pittsburg, Pa	15
Mrs. Edith H. E. Foster, 331 La Grande ave., Plainfield, N. J	70
Edith H. E. Foster, guardian for C. Francis Foster, Sara Edith Foster, and Esty Foster, minors	140
Mr. Geo. A. Foster, room 1407, 43 Exchange pl., N. Y. City	20

	Shares.
Mr. Hilah E. Foster, care of Mr. John H. Foster, 18 Wall st., N. Y. City	9
Mr. John H. Foster, 18 Wall st., N. Y. City	7
Mrs. Julia M. Foster, Tuxedo Park, N. Y	168
Mrs. K. E. Foster, Stafford Springs, Conn	1
Mrs. Mary W. Foster, 331 La Grande ave., Plainfield, N. J	43
Mr. W. H. Foster, care of Standard Oil Co., Cleveland, Ohio	57
Mr. William J. Foster, Rockville, Conn	2
Mess. M. F. & F. E. Foster, Westport, Conn	1
Mrs. Mary H. Foulds, 347 Springfield ave., care of Dr. J. I. Taylor, Wyoming, O	1
Mrs. Blanche Fournier, care of Mr. C. T. Collings, Clifton, Cincinnati, Ohio	2
Mrs. Carrie A. Fowkes, 133 Bainbridge st., Brooklyn, N. Y	10
Miss Elizabeth H. Fowler, Geneva, N. Y	1
Mr. Arnold Fox, room 604, building	513
Mr. David A. Fox, Clinton, Conn	1
Mrs. Hilda Seccomb Fox, Mt. Kisco, N. Y	9
Mr. James C. Fox, care of Fox-Becker Granite Co., Middletown, Conn	1
Mr. Moses Fox, 534 Prospect ave., Hartford, Conn	50
Mr. George P. France, 225 N. 3rd st., Olean, N. Y	30
Miss Alberta J. Francis, 98 Walnut st., East Orange, N. J	10
Mr. Arnold W. Francis, 98 Walnut st., East Orange, N. J	15
Caroline L. Francis, 98 Walnut st., East Orange, N. J	8
Mrs. Rebecca K. Francis, 79 Elm st., Worcester, Mass	3
Miss Selina Francis, 165 So. Broadway, Yonkers, N. Y	15
Francke, Thompson & Robb, 43 Exchange pl., N. Y. City	28
Mess. Charles A. Frank & Co., 45 Broadway, N. Y. City	1
Mrs. Mary E. Franklin, Woodbridge, N. J	5
Mrs. Lina A. Fraser, 36 East 64th st., N. Y. City	65
Miss Wilhelmina Freeborn, Tivoli-on-Hudson, N. Y	20
Mr. Andrew Freedman, 66 Liberty st., N. Y. City	200
Mr. Alden Freeman, 101 Munn ave., E. Orange, N. J	30
Miss Ellen M. Freeman, 848 Beacon st., Boston, Mass	2
Mrs. Emma D. Freeman, care of Savings & Trust Co., Cleveland, Ohio	25
Mrs. Frances M. Freeman, 101 Munn ave., E. Orange, N. J	200
Miss Gertrude Abbey Freeman, 101 Munn ave., East Orange, N. J	40

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Mr. J. F. Freeman, 101 Munn ave., East Orange, N. J	1,040
*Joel F. Freeman, trustee	6
Mrs. Julia B. Freeman, Greenwich, Conn	15
Miss Kate V. Freeman, Glen Ridge, N. J	3
Miss Leila Freeman, Glen Ridge, N. J	4
Miss Lizzie W. Freeman, 848 Beacon st., Boston, Mass	2
Miss Melissa W. Freeman, Glen Ridge, N. J	3
Mr. Norman Freeman, 16 Exchange pl., N. Y. City	10
Mess. F. P. Freeman & Co., 25 Broad st., N. Y. City	50
Mr. Charles L. Freer, Union Trust Co., Detroit, Mich	50
Mr. F. Wm. Fremd, Palm Beach, Fla	3
Dr. F. Fremont-Smith, Bar Harbor, Maine	75
Mr. Albert French, 2 Rector st., N. Y. City	25
Mrs. Amanda K. French, care of Mr. H. B. Parsons, 105 Hudson av., Albany, N. Y	4
Mrs. Emma L. French, 234 West 45th st., N. Y. City	3
Mr. Frank T. French, 67 Boulevard Haussmann, Paris, France	24
Mrs. Jeanne French, 67 Boulevard Haussmann, Paris, France	1
Mr. Samuel J. Frisbee, 332 Hancock ave., West Detroit, Mich	6
Mr. A. S. Frissell, care of 5th Ave. Bank, 530 5th ave., N. Y. City	30
Mr. Lewis F. Frissell, care of 5th Ave. Bank, 530 5th ave., N. Y. City	10
Mess. B. Y. Frost & Co., 80 Broadway, N. Y. City	15
Mrs Frances A. Frothingham, 19 Milk st., Boston, Mass	50
Mr. John B. Frothingham, 100 William st., N. Y. City	40
Mrs. Melissa Pratt Fryer, 685 Delaware ave., Buffalo, N. Y	8
Mrs. Ella G. Fuguet, 261 Upper Mountain ave., Upper Montclair, N. J	25
Miss Caroline W. Fuller, care of G. Loring Briggs, Walnut pl., Brookline, Mass	15

	Shares.
Mrs. Mary E. Fuller, 3 Arch st., New Bedford, Mass	1
Dr. Robert M. Fuller, 136 West 42nd st., N. Y. City	5
Mrs. Sarah F. Fuller, care of Mr. A. B. Fuller, care of Union St. Ry. Co., New Bedford, Mass	12
Mrs. Sarah J. Fullerton, 375 Clinton ave., Bridgeport, Conn	5
Mrs. Fannie Funger, 21 Bonn pl., Sta. I, Hoboken, N. J	12
Mr. C. A. Furnald, care of Fifth Ave. Bank, N. Y. City	105
Est. of Francis P. Furnald, 170 Broadway, N. Y. City	100
Mrs. Sarah E. Furnald, care of est. of Francis P. Furnald, 170 Broadway, N. Y. City	5
Mr. Dawes Eliot Furness, 89 Pinckney st., Boston, Mass	8
Miss Laura Furness, care of Mr. D. E. Furness, 89 Pinckney st., Boston, Mass	8
Miss Rebekah T. Furness, care of Mr. D. E. Furness, 89 Pinckney st., Boston, Mass	8
Mr. Walter L. Gaddum, 1537 Pullan ave., Cincinnati, Ohio	1
Mr. Edward Gagan, 25 City sq., Charlestown, Mass	2
Mr. Charles L. Gagnebin, P. O. Box 3137, Boston, Mass	24
Miss Florence I. Gallagher, 136 Nelson st., Brooklyn, N. Y	1
Mrs. Katherine P. Gallagher, 9 East 128th st., N. Y. City	1
Miss Maud F. Gallagher, 136 Nelson st., Brooklyn, N. Y	1
Mrs. Louisa B. Gallatin, 25 Gramercy park, N. Y. City	3
Miss Helen L. Galpin, 106 Miles ave., Sta. D, Cleveland, Ohio	1
*Mr. Wm. A. Galpin, 106 Miles ave., Station D, Cleveland, Ohio	190
Mrs. Eliza A. H. Gammell, care of Mr. Robert I. Gammell, Box 59, Providence, R. I	30
Mr. Robert I. Gammell, Box 59, Providence, R. I	55
Mr. Howard S. Gans, Lord's Court Bldg., 27 William st., N. Y. City	1
Mr. Edwin B. Gardner, Kingston, N. Y	3
Katharine T. Willets Gardner, care of Willets & Co., 303 Pearl st., N. Y. City	100
Mrs. Mary E. Gardner, 325 West 89th st., N. Y. City	129
Mrs. Susan E. McC. Gardner is to be addressed as Mrs. John H. Gardner, jr.	
Mrs. John H. Gardner, jr., 150 Chestnut st., Albany, N. Y	10
Garfield National Bank, 6th ave. & 23rd st., N. Y. City	750
Mr. Harry P. Garland, Saco, Maine	5
Miss Mary B. P. Garnett, care of Mr. E. A. S. Lewis, 1 Newark st., Hoboken, N. J	1
Mr. Frederick P. Garrettson, 119 Front st., New York City	15
Mrs. Mary S. Garrettson, 53 Evergreen pl., East Orange, N. J	31
Anna A. or Adeline Garrison, 400 Monroe st., Brooklyn, N. Y	4
Miss Margaret Garrity, St. Charles Hotel, Atlantic City, N. J	3
Mrs. Maria Gartrell, 571 Woodward ave., Atlanta, Ga	16
Mrs. Frances A. Gates, Oak st., Walnut Hills, Cincinnati, Ohio	27
Miss M. Ella Gates, 136 West 16th st., N. Y. City	40
Mess. John Gates & Co., Cincinnati, Ohio	50
Mrs. Fannie R. Gaunt, 547 Fifth ave., New York City	34
Mr. James Gaunt, Undercliff Road, Montclair, N. J	25
Mr. Thomas T. Gaunt, 547 Fifth ave., N. Y. City	25
Mrs. Gertrude Gause, 8 Water st., Yokohama, Japan	4
Mrs. Louise B. Gawtry, 33 East 57th st., N. Y. City	6
Mr. Oliver C. Gayley, 24 Broad st., N. Y. City	10
Mrs. Caroline A. Gebhart, 1121 No. Main st., Dayton, Ohio	16
Mr. George J. Geer, 100 Fifth ave., N. Y. City	6
Miss Gertrude E. Geer, 156 West 58th st., N. Y. City	8
Mrs. Louise G. Geer, 205 West 57th st., N. Y. City	4
Mrs. Bella Geisse, 261 Upper Mountain ave., Upper Montclair, N. J	25
Chas. H. W. Foster et al., tr's, 50 Congress st., Boston, Mass. (Chas. H. W. Foster, Chas. F. Adams, 2d, and Thomas N. Perkins, trustees of the General Investment Trust)	7
Mr. C. H. George, 45 Broadway, N. Y. City	50
Mrs. Laura George, 33 Pearl st., Hartford, Conn	4
Miss Mary J. George, "The Chelsea," 222 W. 23rd st., N. Y. City	250

	Shares.
Mr. Nathaniel George, 3212 Lake Park ave., care of L. George, Chicago, Ill	20
Mr. S. M. Gephart, 43 Washington st., Cumberland, Md	5
Mrs. Addie L. German, 87 Canarsie lane, Flatbush, L. I	10
German American Ins. Co. of New York, 115 Broadway N. Y. City	500
Mrs. Cora L. Gerstenberger, 719 Hickox Bldg., Cleveland, Ohio	12
Mr. Geo. W. Geuder, care of Eberhard Faber, 37 Greenpoint ave., Brooklyn, N. Y	110
Miss Margaretta V. Gibbons, 168 East 80th st., N. Y. City	2
Adelaide McFarland Gibbs, care of Fidelity Trust Co., Buffalo, N. Y	100
Mrs. Corinne Gibbs, 716 Union Trust Bldg., Cincinnati, Ohio	10
Mrs. Corinne N. Gibbs, 717 Union Trust Bldg., Cincinnati, Ohio	5
Mr. Edwin Gibbs, care of Farmers' Loan & Trust Co., 16 William st., N. Y. City	5
Mr. Edwin C. Gibbs, 716 Union Trust Bldg., Cincinnati, Ohio	10
Mrs. Annie R. Gibson, 147 Linden ave., Brooklyn, N. Y	25

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Miss Martha M. E. Gibson, 680 Macon st., Brooklyn, N. Y	5
Mrs. Mary Burr Gibson, 260 Genesee st., Utica, N. Y	10
Mrs. S. B. Gifford, care of Mr. Dudley P. Power, 5 Beekman st., N. Y. City	20
Mr. F. Cameron Gilbert, care of Metropolitan Museum of Art, N. Y. City	1
Mr. Frederick B. Gilbert, 1007 Chestnut st., Philadelphia, Pa	5
Mrs. Lilla Gilbert, Sun-shine, Great Neck, L. I	740
Mrs. Mary A. Gilbert, 24 West 52nd st., N. Y. City	142
Mrs. Maryette Gilbert, 328 Ashmont st., Dorchester, Mass	2
Mr. S. W. Giles, 1917 Newkirk ave., Flatbush, Brooklyn, N. Y	33
Miss Maria Arabel Gillespie, room 809, Building	26
Mr. T. J. Gillespie, care of Lockhart Iron & Steel Co., Pittsburg, Pa	230
Mr. Charles R. Gillett, 700 Park ave., N. Y. City	20
Mr. William K. Gillett, Pelham Manor, New York	30
Mrs. H. M. Gillette, Lakeville, Conn	5
Mrs. Tacie E. Gillingham, Fallsington, Bucks Co., Pa	72
Mr. William V. Gilman, 77 Franklin st., N. Y. City	2
Mr. John T. Gilmartin, 104 Madison st., N. Y. City	5
Mr. A. W. Gilmore, room 712, Building	16
Mr. Henry P. Gilmore, Fairmont, Marion Co., West Va	14
Mr. John Gilmore, Uniontown, Fayette Co., Pa	13
Mr. John J. Gilroy, Chambers & Hudson sts., N. Y. City	5
Mrs. Mabel H. Gilson, Charlestown, N. H	6
Mr. William H. Gilson, Charlestown, N. H	3
Mr. Amos J. Givens, Stamford, Conn	160
Mr. Wm. R. Gladstone, Walton, N. Y	4
Mrs. Maria R. Gladwin, Titusville, Fla	2
Mr. Byron Z. Glaser, 52 State st., Chicago, Ill	1
Mr. James W. Glassey, 182 W. Manheim st., Germantown, Phila., Pa	2
Mrs. Gertrude B. Glazier, Belpre, Ohio	33
Mrs. Emily H. Glover, Ambleside, Fairfield, Conn	4
Mrs. Sarah Grace Glover, Newtown, Conn	25
Mr. Smith P. Glover, Sandy Hook, Conn	50
Mrs. Ruth R. Godding, 210 Main st., Medford, Mass	1
Mrs. Harriet E. Godfrey, 19 Exchange pl., Boston, Mass	2
Mrs. Harriette W. Goelet, 9 West 17th st., N. Y. City	100
Mr. Adolph Goepel, 11 William st., N. Y. City	100
Mr. Geo. W. Goff, East Hampton, Conn	2
Mr. R. T. Goff, St. Augustine, Fla	15
Mr. Georges Goffin, care of Mess. John Munroe & Co., 30 Pine st., N. Y. City	2
Mr. Jacob Goldsmith, care of Jonas & Naumburg, 7 Washington pl., N. Y. City	50
Mrs. Christina F. Gomez, St. Augustine, Fla	2
Mr. A. L. Gondran, room 309, 143 Liberty st., New York City	150
Mess. R. H. Goodell & Co., First Natl. Bank Bldg., Chicago, Ill	1
Mr. Henry Goodkind, 18 Broadway, N. Y. City	11
Mrs. Alberta J. F. Goodlove, 758 West End ave., N. Y. City	8

	Shares.
Mrs. Julia A. Goodrich, care of Mr. George A. Chapman, 50 State st., Boston, Mass	6
Mrs. Kate M. Goodridge, 39 East 27th st., New York City	16
Mrs. Mary B. Goodwillie, care of Thos. Goodwillie, Standard Oil Co., Baltimore, Md	28
Miss Mary Clark Goodwillie, 1015 No. Calvert st., Baltimore, Md	10
*Mr. Thomas Goodwillie, tr., care of Standard Oil Co., Baltimore, Md	100
Mr. E. L. Goodwin, 1028 Third ave., Louisville, Ky	20
Mrs. Elizabeth Sage Goodwin, 142 Woodland st., Hartford, Conn	25
William H. Sage et al., tr. for E. S. Goodwin, 93 State st., Albany, N. Y	40
Mr. James J. Goodwin, 11 West 54th st., N. Y. City	340
Mr. Walter L. Goodwin, "Woodside," Hartford, Conn	10
Est. of William B. Goodwin, Waterville, N. Y	10
Mrs. Emily C. Gorham, 132 East 36th st., N. Y. City	14
Mr. Francis G. Gorham, 34 Pine st., N. Y. City	6
Mrs. Victoria K. Gorham, care of Van Schaick & Co., 7 Wall st., N. Y. City	30
Mr. John L. Gormley, 50 West 94th st., N. Y. City	200
Mrs. Delia H. Gossler, care of Mr. G. T. Smith, P. R. R., 2 Beaver st., N. Y. City	100
Mrs. Elizabeth S. Gould, 810 Broad st., Newark, N. J	5
Mr. Frederick M. Gould, 83 Reade st., N. Y. City	65
Minnie T. Gould, 130 Summit ave., Mt. Vernon, N. Y	10
Mr. Robert S. Gould, 810 Broad st., Newark, N. J	15
Mrs. Sarah R. Gould, care of Mrs. John D. Parsons, jr., 233 State st., Albany, N. Y	5
Mr. W. B. Gould, 61 Hamilton st., Newark, N. J	20
Mrs. Laura E. Gowing, Wakefield, Mass	5
Mr. Joseph P. Grace, 1 Hanover sq., N. Y. City	50
Mr. W. R. Grace, 1 Hanover sq., N. Y. City	30
Mr. A. F. Graff, 45 Broadway, N. Y. City	50
Mrs. Anna M. Graham, care of Mr. J. M. Donald, care of Hanover Natl. Bank, N. Y. City	5
Mr. James Graham, room 908, building	10
Mrs. Martha A. Graham, 5 North Pine ave., Albany, N. Y	3
Mess. J. L. Graham & Co., 18 Wall st., N. Y. City	5
Madame A. Gramme, 1 Rue Villaret Joyeuse, Paris, France	5
Mrs. Emma P. Grandin, Tidioute, Warren Co., Pa	160
Mr. George Wilbert Grandin, 3244 Euclid ave., Cleveland, Ohio	40
Mrs. Jane E. Granniss, care of Mr. Wm. J. Murphy, 32 E. 42nd st., N. Y. City	135
Mrs. Caroline B. Gray, 85 Devonshire st., care of S. S. Gray, Boston, Mass	25
Miss Margaret Byers Gray, 736 Salem ave., Elizabeth, N. J	1
Miss Mary C. Gray, 16 State st., room 78, Boston, Mass	50
Mr. J. P. Greaves, care of Mr. W. H. Beardsley, room 1200, Building	25
Mr. Ernest F. Greeff, 106 Spring st., N. Y. City	10

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Mrs. Ella Green, The Homestead, Hot Springs, Va	10
Mr. J. Ashton Greene, 109 Duane st., N. Y. City	120
Mr. George J. Greenfield, 32 Broadway, N. Y. City	15
Mrs. Ella S. Greenslet, 4 Park st., Boston, Mass	30
Mrs. Frances A. Gregory, 2 West 43rd st., New York City	317
Mr. Franklin U. Gregory, Metropolitan Club, New York City	316
Mr. G. D. Gregory, 68 Broad st., New York City	30
Mr. I. X. Grier, Danville, Pa	20
Mrs. Alma Griesedieck, 3243 Hawthorne Bldg., St. Louis, Mo	4
Mrs. Minnie R. Griffen, Spencer Arms, 69th st. & Broadway, N. Y. City	14
Miss Catherine Griffin, 370 Carlton ave., Brooklyn, N. Y	33
Miss Sarah E. Griffin, 370 Carlton ave., Brooklyn, N. Y	33
Mr. William H. Griffin, 8759 22nd ave., Brooklyn, N. Y	34
Mr. Edward S. Griffing, 35 Nassau st., N. Y. City	2
Mr. Daniel Grimm, Franklin, Pa	65
Mr. C. Grinnell, 136 Hewes st., Brooklyn, N. Y	150

	Shares.
Mr. C. A. Griscom, Land Title Bldg., Philadelphia, Pa	3,000
Mrs. Frances C. Griscom, Haverford, Montgomery Co., Pa	100
Mr. Lloyd C. Griscom, care of R. E. Griscom, 1730 Land Title Bldg., Philadelphia, Pa	105
Mr. Rodman E. Griscom, Haverford, Montgomery County, Pa	120
Mrs. Elsie M. Griswold, Egbert Hill, Morristown, N. J	25
Mr. F. Gray Griswold, 1 East 51st st., N. Y. City	10
Mrs. Grace C. Griswold, 23 West 48th st., N. Y. City	12
Mrs. Grace E. Groesbeck, Elmhurst ave., East Walnut Hills, Cincinnati, Ohio	11
Mrs. Lillian Wadsworth Groff, 761 Madison ave., Albany, N. Y	2
Miss Josephine A. Groht, 15 Exchange pl., care of C. H. Sisson, Jersey City, N. J	1
Miss Ada Gross, 158 Manheim st., Germantown, Phila., Pa	1
Mrs. Fannie M. Gross, 722 West 7th st., Plainfield, N. J	1
Miss Mame Gross, 158 Manheim st., Germantown, Phila., Pa	1
Est. of Arpad S. Grossman, care of Trust Co. of America, 222 Broadway, N. Y. City	20
Mr. Max Grundner, 5 So. William st., N. Y. City	1
The Guardian Trust Co., Cleveland, Ohio	100
Mr. Howard R. Guild, 178 Devonshire st., Boston, Mass	6
Mrs. Emilie Guilfoyle, Burton Hill House, Wawarsing, N. Y	18
Mess. Guinness, Mahon & Co., 81 Lombard st., London, E. C. Eng	25
Miss Elizabeth C. Gumaer, Goshen, Orange Co., N. Y	4
Miss A. J. Gumersell, 390 Mt. Prospect ave., Newark, N. J	6
Mr. Andrew John Gunaris, 171 Tremont st., Boston, Mass	2
Mr. B. B. Gunther, 18 Wall st., N. Y. City	20
Mr. John J. Gunther, 18 Wall st., N. Y. City	20
Miss Amanda M. Gunyan, Corona, Long Island	1
Mr. George E. Gunyan, Corona, Long Island	1
Mr. A. C. Gurnee, 80 Broadway, N. Y. City	389
Mrs. B. B. Gurnee, 417 Fifth ave., N. Y. City	140
Mr. W. S. Gurnee et al., trustee, 80 Broadway, N. Y. City (W. S. Gurnee, A. C. Gurnee, Wm. Nelson Cromwell, trustees for Delia E. Gurnee, under the will of W. S. Gurnee)	288
Mr. W. S. Gurnee, 80 Broadway, N. Y. City	289
Mrs. Kate H. Gwillim, 593 Madison st., Brooklyn, N. Y	3
Mr. Alexander G. Gwinn, Shokan, Ulster Co., N. Y	3
Mr. John J. Hackett, Greenwich, Conn	3
Mr. Crowell Hadden, care of Long Island Bank, Brooklyn, N. Y	10
Mr. Charles Haehnle, 926 Findlay st., Cincinnati, Ohio	10
Mr. Matthias Hafele, Emlenton, Pa	6
Mr. Wilfrid M. Hager, 1308 N. Cascade ave., Colorado Springs, Colo	10
Mr. Frederick E. Hahn, 1524 Chestnut st., Philadelphia, Pa	1
Mr. Theodore J. Hahn, 117 South Fifth st., Philadelphia, Pa	1
Mrs. Alice Hoyt Haight, 793 Madison ave., N. Y. City	39
Col. H. S. Haines, care of cashier 2d Natl. Bank, N. Y. City	100
Mr. L. C. Haines, room 1200, Building	5
Miss Helen T. Hakes, Idlemont, Murray Hill, N. J	8
Mr. W. D. Hale, Rondout, N. Y	1
Mr. Otto L. Halenbeck, room 200, Building	5
Mrs. Anna P. Hall, care of Franklin Trust Co., Montague st., Brooklyn, N. Y	17
Mrs. Antoinette F. Hall, Wellsville, N. Y	40
Mr. August Hall, St. Augustine, Fla	9
Mr. Charles S. Hall, care of N. Y. Ship Building Co., Camden, N. J	10
Mr. Edwin B. Hall, Wellsville, N. Y	25
Miss Ella M. Hall, care of The Bush Co. Ltd., 100 Broad st., N. Y. City	40
Mr. Henry J. S. Hall, 215 Washington st., N. Y. City	25
Mr. Horace M. Hall, 113 Bloomfield ave., Newark, N. J	2
Mrs. Lizzie W. Hall, Shaw & Wabash aves., Hyde Park, Cincinnati, Ohio	1
Mrs. Maria Louisa Hall, 71 Central Park W., N. Y. City	10
Mrs. Marie L. Hall, Beaulieu, Gorey, Jersey, Great Britain	15
Miss Martha M. Hall, 215 Washington st., N. Y. City	25
Miss Mary Lee Hall, 471 State st., Albany, N. Y	6
Mrs. Sarah J. Hall, 200 Olney st., Providence, R. I	83

	Shares.
Est. of Wm. Henry Hall, 218 Greenwich st., N. Y. City	50
Mrs. Florence Hallahan, City Line, Overbrook, Phila., Pa	19
Mrs. Catharine A. Hallaran, 349 Cedar ave., Cleveland, Ohio	5
Est. of Moses Halle, 89–95 Euclid ave., Cleveland, Ohio	25
Mr. Salmon P. Halle, 89 Euclid ave., Cleveland, Ohio	4
Mess. Halle & Stieglitz, 30 Broad st., New York City	15
Mr. Frederick G. Hallett, 19 Greene st., N. Y. City	5
Mrs. Henrietta G. Hallett, 243 West 74th st., N. Y. City	10
Mess. Hallgarten & Co., 5 Nassau st., N. Y., N. Y	50
Mr. Alexander B. Halliday, 44 Pine st., New York City	37
Mr. A. W. Halsey, room 810, 156 5th ave., N. Y. City	5
Mrs. Harriet DeFord Halstead, 45 West 68th st., N. Y. City	5
Mrs. Edith P. Halsted, 12 Broadway, room 45, N. Y. City	45
Mrs. Elizabeth C. Halsted, 248 Washington ave., Brooklyn, N. Y	8
Mr. J. Harsen Halsted, 12 Broadway, room 45, N. Y. City	3
Miss Mary M. Halsted, "The Dakota," 1 West 72d st., N. Y. City	20
Mr. C. F. Hamblen, St. Augustine, Fla	10

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N. Y. Life Ins. & Trust Co., 52 Wall st., N. Y. City (New York Life Insurance & Trust Co., trustee for Cecil W. Hamilton and Stuart Hamilton)	1
Mr. G. W. Hamilton, care of Mr. Chalfant Robinson, 233 Edwards st., New Haven, Conn	450
Miss Katharine S. Hamilton, care of Mr. Chalfant Robinson, 233 Edwards st., New Haven, Conn	15
Mrs. Selina E. Hamilton, 430 West 118th st., N. Y. City	1
Mr. Tyler A. Hamilton, 30 Broad st., N. Y. City	5
Mr. James C. Hamlen, trustee, Portland, Maine	2
Mrs. Mary Paxton Hamlin, 112 Astor st., Chicago, Ill	150
Mr. Wm. Hammond, 71 Wall st., N. Y. City	2
Mrs. Maria E. Hampton, 123 East 61st st., N. Y. City	18
Mr. Robert S. Hampton, Titusville, Pa	1
Mr. Earle W. Hance, 2 Rector st., N. Y. City	25
Mrs. Irene Louise Hance, care of Mess. Jesup & Lamont, room 604, Building	250
Mr. Irwin H. Hance, P. O. box 204, Lakewood, N. J	2
Mr. John A. Hance, care of Mess. Jesup & Lamont, room No. 604, Building	340
Mrs. Matilda S. Hance, 146 Orchard st., Newark, N. J	25
Mr. Edward J. Hancy, 40 Wall st., N. Y. City	20
*Edward J. Hancy, agent	10
Mr. James A. Hand, 462 Jefferson ave., Elizabeth, N. J	10
Mrs. Mary Pierson Hand, 462 Jefferson ave., Elizabeth, N. J	1
Mrs. Kate W. Handren, care of Mr. A. Henry Mosle, 30 Broad st., N. Y. City	100
Mr. H. B. Hanger, Richmond, Ky	5
Mrs. Ella E. Hanley, Bad Axe, Mich	150
Elizabeth Gordon Hanna, Perry Payne Bldg., Cleveland, Ohio	50
Mr. H. M. Hanna, care Mess. Hanna & Co., 53 River st., Cleveland, O Mr. H. M. Hanna, Thomasville, Ga	4,000
Miss Alice E. Hanscom, Willoughby, Lake Co., Ohio	21
Mr. Alva Hanscom, Willoughby, Lake Co., Ohio	18
Mr. Chas. H. Hanscomb, 68 Broad st., New York City	30
Mr. David N. Hanson, 220 East Monroe st., Chicago, Ill	25
Mrs. Emma J. Hardee, Rockledge, Fla	3
Mr. G. S. Hardee, Rockledge, Fla	4
Mr. James S. Haring, lock box 31, Crafton, Pa	3
Mr. Charles W. Harkness, room 1203, Building	43,400
Mr. E. D. Harkness, Clyde, Ohio	20
Mrs. Edith Hale Harkness, 12 Broadway, New York City	35
Mr. Edw. S. Harkness, room 1203, Building	15,200
Mr. Lamon V. Harkness, 933 Fifth ave., New York City	13,100
Est. of Martha Harkness, 916 Clinton st., Philadelphia, Pa	15
Mr. N. W. Harkness, 916 Clinton st., Philadelphia, Pa	200
Mess. Wm. L. Harkness & Edw. S. Harkness, tr., room 1203, Building	400

	Shares.
Mr. Wm. L. Harkness, 12 Broadway, N. L. City	14,000
Mr. Ellwood Harlow, care of Mr. Henry W. Gaines, 83 Fulton st., N. Y. City	25
Mr. Charles F. Harms, 140 Broad st., N. Y. City	10
Mr. G. R. Harms, Bellevue, Ky	2
Mr. Edward A. Harriman, Derby, Conn	5
Mrs. Elizabeth T. Harriman, care of est. of H. R. Bishop, 30 Pine st., N. Y. City	100
Mrs. H. Margaretta Harriman, 335 West 87th st., New York City	10
Miss Katharine S. Harriman, 335 West 87th st., N. Y. City	20
Miss S. Louisa Harrington, 79 Williamson ave., Bloomfield, N. J	22
Mrs. Cornelia M. Harris, 27 North Goodman st., Rochester, N. Y	16
Mrs. Grace N. Harris, care of Mr. W. H. Harris, 258 Broadway, N. Y. City	20
Mr. H. Richard Harris, The Clinton, Clinton & 10th sts., Philadelphia, Pa	6
Mrs. Laura C. Harris, care of Mr. Tracy H. Harris, 68 William st., N. Y. City	20
Mrs. Robert Harris, 2 East 45th st., N. Y. City	91
Mr. Thomas L. Harris, 251 West 91st st., N. Y. City	10
Mr. W. A. Harris, room 1100, Building	30
Mrs. Clara L. Harrison, Canastota, N. Y	10
Miss K. I. Harrison, room 1102, Building	130
Miss Mary A. Harrison, Keansburg, Mommouth Co., N. J	7
Miss Sarah A. Harrison, 122 Norwood ave., Avon, N. J	2
Mr. Sidney Harrison, St. Augustine, Fla	9
Mr. William W. Harrison, 119 North 11th st., Philadelphia, Pa	2
Mrs. Ella B. Harriss, Earnscliffe, Ottawa, Canada	194
Mr. E. Burton Hart, 59 East 79th st., N. Y. City	35
Mr. Perle W. Harter, 824 Genesee st., Utica, N. Y	14
Mr. Walter G. Harter, 24 Arcade Bldg., Utica, N. Y	2
Mr. Geo. F. Hartt, P. O. box 542, Montreal, Can	30
Mrs. Kate G. Hartt, P. O. box 542, Montreal, Can	10
Mr. Richard M. Hartley, 560 Bullitt Bldg., Philadelphia, Pa	5
Mr. Thos. R. Hartley, 5825 Fifth ave., Pittsburg, Pa	61
Mr. Ernest H. Hartmann, 310 East 120th st., N. Y. City	61
Mrs. H. Maria Hartness, care of Dr. E. A. Campbell, Colonial Arcade, Cleveland, Ohio	13
Mr. Chas. E. W. Harvey, box 135, Glen Ridge, Essex Co., N. J	2
Mr. E. A. Harvey, care of State Banking & Trust Co., Cleveland, Ohio	10
Mr. Geo. Harvey, 8 Main st., Charlestown, Mass	1
Mrs. Emma J. Harwood, 38 East 53rd st., N. Y. City	129
Mr. R. H. Harwood, 1101 E. Cary st., Richmond, Va	1
Mrs. Annie P. Hasbrouck, 39 West 90th st., N. Y. City	8
Mrs. Carrie S. Hasbrouck, 131 West 76th st., N. Y. City	280
Mr. Geo. S. Hasbrouck, 131 West 76th st., N. Y. City	25
Mr. Louis B. Hasbrouck, 257 Broadway, N. Y. City	33
Mr. Philip Hasbrouck, 131 West 76th st., N. Y. City	27
Mr. Oscar L. Hascy, Albany, N. Y	600
Mr. Coburn Haskell, Lake Shore Boulevard, Cleveland, Ohio	30
Mr. J. Amory Haskell, 170 Broadway, N. Y. City	10
Mrs. Louisa B. Haskell, 345 Union st., New Bedford, Mass	75

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Mrs. Mary C. Haskell, 550 Commonwealth ave., Newton Centre, Mass	40
Mr. William A. Haskell, box 1797, Boston, Mass	10
Est. of Ellen D. Hassler, 1012 Witherspoon Bldg., Philadelphia, Pa	18
Mrs. Annie F. Hastings, Lancaster, N. H	10
Mrs. Caroline F. Hastings, 15 West 50th st., N. Y. City	6
Mrs. Helen Hastings, care of Mr. Thomas Hastings, 28 E. 41st st., N. Y. City	96
Miss Isabel Hastings, 27 West 46th st., N. Y. City	10
Mr. J. B. Hastings, 67 Boulevard Haussmann, Paris, France	10
Mr. Thomas Hastings, 28 East 41st st., N. Y. City	104
Rev. Thos. S. Hastings, 27 West 46th st., N. Y. City Rev. Thomas S. Hastings, Oceanic, Monmouth Co., N. J	300

	Shares.
Mr. Wm. M. Hastings, 40 Fulton st., N. Y. City	30
Mr. M. B. Hatch, Middletown, Ohio	100
Mr. John W. Sterling, exr. of Mary R. Hatch, 44 Wall st., N. Y. City	100
Mr. Ralph E. Hatch, Watertown st., West Newton, Mass	1
Miss Stella T. Hatch, 148 Franklin ave., Cleveland, Ohio	6
Mrs. Mabel W. Hatfield, 125 East 57th st., N. Y. City	33
Mrs. Rose L. Havener, 507 Maine st., Worcester, Mass	1
Mrs. Genevieve S. Haviland, 37 St. Paul's pl., Brooklyn, N. Y	10
Mrs. Charles E. Hawes, 23 Adelaide ave., Providence, R. I	10
Mr. Edward C. Hawes, Providence, R. I	84
Miss Emma A. Hawes, 859 Broad st., Providence, R. I	9
Mrs. Euphemia A. Hawes, care of Mr. James A. Hawes, 30 Broad st., N. Y. City	20
Miss Ida L. Hawes, 859 Broad st., Providence, R. I	9
Mr. Loring P. Hawes, 13 Lennox ave., Providence, R. I	10
Miss Margaret M. Hawes, Corpus Christi Monastery, Hunts Point, N. Y. City	9
Mrs. Mary W. Hawes, 859 Broad st., Providence, R. I	27
Mr. Rowland G. Hawes, Providence, R. I	83
Miss Susan M. Hawes, jr., 287 South st., Morristown, N. J	16
Mr. Wm. S. Hawk, Manhattan Hotel, New York City	10
Mrs. Mary E. Hawkins, 211 Lansdowne ave., Wayne, Pa	5
Mr. T. H. Hawks, care of Anglo-Am. Oil Co., 22 Billiter st., London, E. C., Eng	5
Mrs. Cora S. B. Hawley, admx. of Arthur S. Hawley, 126 W. 91st st., N. Y. City	15
Mr. Charles H. Hawley, Bridgeport, Conn	20
Miss Harriet S. Hawley, 126 West 91st st., New York City	20
Mrs. Sarah A. Hawley, P. O. box 112, Newtown, Conn	5
* Mrs. Clara S. Hay, care of Mr. S. A. Raymond, Western Reserve Bldg., Cleveland, Ohio	308
Mr. James A. Hay, 19 South st., Newark, N. J	15
Mrs. Sarah Hay, 14 Jay st., Cleveland, Ohio	18
Mr. Valentine Hay, P. O. box 225, Somerset, Pa	786
Mr. Charles M. Hayden, 94 Ames Bldg., Boston, Mass	16
Miss Nellie E. Hayden, St. Augustine, Fla	6
Mr. Thomas W. Hayden, 383 Highland ave., Malden, Mass	1
Mrs. Harriet F. Hayes, 611 No. Washington ave., Bridgeport, Conn	2
Mr. Siegfried Haymann, 52 William st., N. Y. City	130
Mr. Hiram J. Hays, 117 Wooster st., N. Y. City	25
Mrs. Kate F. Hays, care of Tate & Hays, 71 Broadway, N. Y. City	25
Mrs. Mary L. Hays, care of Tate & Hays, 71 Broadway, N. Y. City	10
Mrs. Virginia C. Hays, 600 No. Highland, Pittsburgh, Pa	25
Mr. William E. Hayward, Uxbridge, Mass	10
Mrs. M. Bell Hazen, 143 Joralemon st., Brooklyn, N. Y	10
Est. of Wm. H. Hazzard, care of Mr. H. C. M. Ingraham, 16 Court st., Brooklyn, N. Y	30
Mr. Eugene de F. Heald, care of Mess. Lewis Johnson & Co., 1319 F st., Washington, D. C	2
Mr. James E. Healy, Villa Huber, Muhlan bei Innsbruck, Austria	2
Miss Sarah E. Hearsey, 26 Mill st., Dorchester Sta., Boston, Mass	17
Mr. Henry B. Hebert, 110 Produce Exchange, N. Y. City	5
Mrs. Margaret P. Hedden, 964 Broad st., Newark, N. J	8
Mr. Norman P. Heffley, 229 Ryerson st., Brooklyn, N. Y	5
Mrs Therese F. Heidelbach, 136 Madison ave., N. Y. City	2
Heidelbach, Ickelheimer & Co., 27 William st., N. Y. City	20
Mr. Edward C. Heidrich, jr., care of Peoria Cordage Co., Peoria, Ills	5
Mr. William Heil, 56 West 71st st., N. Y. City	8
Mr. M. Heimerdinger, 30 Broad st., N. Y. City	28
Mr. Louis Heineman, 728 Park ave., Hoboken, N. J	2
Trustees under last will of Geo. W. Helme, dec'd, goes to John W. Herbert, jr *Mr. John W. Herbert, jr., 31 Nassau st., N. Y. City	100
Mrs. Margaret Helme, Helmetta, N. J	175
Mr. Frederic D. Helmer, 29 Broadway, room 107, New York City	125

	Shares.
Mrs. Jessie C. Helmer, care of Mr. F. D. Helmer, room 107, 29 Broadway, N. Y. City	53
Mr. Chas. R. Henderson, 24 Nassau st., New York City	36
Mr. E. C. Henderson, 40 Wall st., New York City	10
Mr. W. H. Henderson, room 800, Building	1
Mr. Clifford R. Hendrix, 882 Carroll st., Brooklyn, N. Y	5
Mrs. Ellen M. Hennessy, 117 East 18th st., N. Y. City	10
Mrs. Alice S. Henop, care of Messrs. Post & Flagg, 38 Wall st., N. Y. City	25
Mrs. L. Delphine Henry, 863 St. Mark's ave., Brooklyn, N. Y	50
Mrs. Mary C. Henry, care of Mr. E. B. Henry, Maryland Trust Bldg., Baltimore, Md	10
Messrs. Henry Bros. & Co., 71 Broadway, N. Y. City	5
Mr. A. B. Hepburn, care of Chase Natl. Bank, 83 Cedar st., N. Y. City	300
Miss Clara E. Hepburn, care of Dr. Wm. M. Hepburn, Freehold, N. J	28
Dr. Wm. M. Hepburn, Freehold, Monmouth Co., N. J	30
Mr. Wm. H. Herancourt, Sidney, Ohio	7
Mr. Arthur Herbert, Alexandria, Va	10
Mrs. Alice Carter Herndon, Loring ave., Pelham, N. Y	50
Mrs. Martha A. Herrick, 148 West 119th st., New York City	1

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Mr. Walter R. Herrick, 66 Broadway, New York City	1
Mr. William P. Herrick, 30 West 54th st., New York City	2
Messrs. Herrick, Berg & Co., 66 Broadway, N. Y. City	20
Mrs. Helen Herriman, 143 Joralemon st., Brooklyn, N. Y	10
Miss Elizabeth S. Herring, 8 Field Point road, Greenwich, Conn	9
Mr. Steve Herschberger, 598 Broadway, N. Y. City	2
Mr. Andrew Hertzel, Warren, Pa	20
Mr. F. E. Hertzel, Warren, Pa	10
Mrs. Sarah L. Heuvelman, 49 West 53d st., New York City	5
Mr. Alvin B. Hewitt, Derby, Conn	12
Mr. Frederick C. Hewitt, Owego, Tioga Co., N. Y	300
Mr. George F. Hewitt, 48 Beekman st., New York City	300
Est. of Ellen Hunter Heydt, room 1409, Building	8
*United States Trust Co., New York City United States Trust Company of New York, trusteee under will of C. P. G. Heye, dec'd	2, 514
Mr. George G. Heye, 52 Broadway, New York City	910
Mrs. Marie Antoinette Heye, care of Mr. Geo. G. Heye, 52 Broadway, N. Y. City	50
Dr. jur A. Heyl, Agnesstr. 41, Hamburg, Germany	6
Mr. Samuel Heyman, 430 East 59th st., New York City	30
Mrs. Annie V. Heyward, care of Monfort & Faber, Jamaica, L. I., N. Y	3
Mrs. Elizabeth G. Hibbler, care of Mr. A. J. McCormick, 55 William st., N. Y. City	15
Mrs. Ella L. Hickok, 127 Beach st., East Orange, N. J	5
Mrs. Edith B. Hicks, 123 East 38th st., N. Y. City	129
Mrs. Lydia H. B. Hicks, Newtown, Pa	6
Est. of Ratcliffe Hicks, care of Meriden Tr. & Safe Deposit Co., Meriden, Conn	10
Mr. C. M. Higgins, Room 802, Building	2, 130
Mr. James L. Higgins, Detroit, Mich	180
Mrs. Kate C. Higgins, 128 South st., Olean, N. Y	20
Mrs. Mary C. Higgins, 90 Riverside drive, N. Y. City	30
Mr. Wilson F. Higgins, 119 Myrtle st., Manchester, N. H	1
Mrs. Caroline A. Hildreth, Bridgehampton, N. Y	5
Mr. Alfred Hill, Fifth & Walnut sts., Cincinnati, Ohio	6
Miss Deborah E. Hill, 697 Euclid ave., Cleveland, Ohio	12
Mr. Harry W. Hill, 53 South Portland ave., Brooklyn, N. Y	5
Miss Maria O. Hill, 809 Barristers Hall, Boston, Mass	2
Miss Sara B. Hill, care of Windsor Trust Co., 5th ave. & 47th st., N. Y. City	10
Mr. William H. Hill, 40 Water st., Boston, Mass	20

	Shares.
Miss Antoinette Hills, Plainville, Conn	1
Mrs. Gertrude C. Hinckley, Box N. N., Pasadena, Cal	55
Mr. J. Arthur Hinckley, care of Fifth Ave. Bank, New York City	1,730
Mr. A. H. Hinkle, 503 Neave Bldg., Cincinnati, Ohio	200
Mrs. Kate D. Hinkle, 522 E. Fourth st., care of Mr. Wm. Skinner, Cincinnati, Ohio	23
Est. of John H. Hinton, care of Robinson, Biddle & Ward, 79 Wall st., N. Y. City	5
Florence W. Hirsch, 353 Oakwoods Boulevard, Chicago, Ill	20
Mr. Jacob Hirsh, 47 Cedar st., New York City	10
Mr. Bradford W. Hitchcock, 55 Liberty st., New York City	1
Mr. Cyrus Hitchcock, care of Mr. Herbert S. Ogden, 82 Beaver st., N. Y. City	174
Mr. John A. Hitchcock, 72 Dwight st., Springfield, Mass	28
Mr. George Leask, admr. of est. of Hudson Hoagland, 35 Wall st., N. Y. City	250
Est. of George E. Hobbs, care of Mr. I. N. Williams, 31 Liberty st., N. Y. City	5
Mr. Harry M. Hobson, Nashua, N. H	1
Mrs. Bella Hochstadter, 19 East 79th st., N. Y. City	20
Mr. A. Hodecker, 355 Ninth ave., N. Y. City	2
Mr. C. W. Hodge, 45 Broadway, N. Y. City	45
Mrs Harriette G. Hodges, 2020 Maryland ave., Baltimore, Md	1
Mrs. Mary W. Hodges, 79 Cypress st., Brookline, Mass	5
Mrs. Annie L. Hoe, care of Mr. Richard M. Hoe, Produce Ex. Bldg., N. Y. City	223
Mr. Richard M. Hoe, Produce Exchange Bldg., N. Y. City	300
Mrs. Sarah B. Hoeninghaus, care of Mr. Fritz W. Hoeninghaus, 106 Fulton st., N. Y. City	2
Mr. Henry E. Hoesli, 5th ave., cor. 16th st., care of Muser Bros., N. Y. City	12
Mrs. Grace Whitney Hoff, 67 Boulevard Haussmann, Paris, France	279
Mr. John J. Hoff, 67 Boulevard Haussmann, Paris, France	6
Mr. Jacob C. Hoffman, 120 Public Square, Cleveland, Ohio	230
Mrs. Mary Hogan, care of Mr. Wm. V. Brokaw, 34 4th ave., N. Y. City	5
Mrs. Annie D. Hogg, Bonnie View, Katonah, N. Y	130
Mrs. Caroline F. Hogg, P. O. Box 153, Pelham, N. Y	18
Mr. Charles B. Hogg, 124 Maiden Lane, N. Y. City	1,225
Miss Elizabeth M. Hogg, 143 Keap st., Brooklyn, N. Y	25
Mr. James D. Hogg, 143 Keap st., Brooklyn, N. Y	25
Rev. John Hogg, 251 Nassau st., Ft. Rouge, Winnipeg, Manitoba	20
Miss Elizabeth M. Hogg, 143 Keap st., Brooklyn, N. Y	25
Mr. Kenneth S. Hogg, 143 Keap st., Brooklyn, N. Y	20
Mr. Robt. Hogg, Bonnie View, Katonah, N. Y Mr. Robt. Hogg, 143 Keap st., Brooklyn, N. Y	525
Mr. Robert Hogg, jr., care of Standard Oil Co., Brockton, Mass	25
Mess. Hogue Bros. & Co., Scio, Ohio	35
Mrs. Louise L. Hoguet, 27 William st., N. Y. City	1
Charlotte McK. Holbrook, 544 No. Broadway, Yonkers, N. Y	100
Mrs. Julia Macy Holbrook, 554 West 142nd st., New York City	8
Mrs. Margaret M. Holcomb, 31 Dwight st., New Haven, Conn	1
Mr. Wilber W. Holcomb, 909 Main st., Lacrosse, Wis	10
Mrs. May A. Holden, 185 Riverside Drive, N. Y. City	10
Mrs. Jane Holland, care of Mr. H. M. Flagler, room 1200, Building	15
Mrs. Martha Swift Hollister, Mamaroneck, N. Y	3
Mess. Hollister & Babcock, 15 Broad st., N. Y. City	5
Mr. James Holloway, Glen Cove, L. I	6
Mrs. Belle R. Holmes, 9 Portland pl., St. Louis, Mo	41
Mrs. Charlotte M. Holmes, Greenwich, Conn	5
Mrs. Emma R. Holmes, The Buckingham, St. Louis, Mo	15
Miss Florence R. Holmes, 9 Portland pl., St. Louis, Mo	18
Mr. J. Howard Holmes, 4959 Maryland place, St. Louis, Mo	14
Mr. James Holmes, box 272, Covington, Ky	50
Mr. John A. Holmes, 11th & Spruce sts., St. Louis, Mo	20
Mrs. Lillian Stokes Holmes, 453 Madison ave., N. Y. City	18

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	Shares.
Mrs. Marie Neff Holmes, care of Mr. J. Holmes, jr., 32 Liberty st., N. Y. City	8
Mr. Robert Holmes, 9 Portland pl., St. Louis, Mo	21
Miss Anna B. Holt, 156 Water st., New York City	2
Mrs. Anna C. Holt, 156 Water st., New York City	2
Mr. Charles L. Holt, 3 East 28th st., N. Y. City	20
Mr. H. S. Holt, Montreal Gas Co., Montreal, Canada	200
Miss Lydia O. Holt, 156 Water st., New York City	2
Mrs. Sarah Sage Holter, 105 East 73rd st., N. Y. City	25
Mess. Homans & Co., 2 Wall st., New York City	1,333
The Home Sav. & Banking Co., Brooklyn, Ohio	13
Mrs. Mary N. Honeywell, Meadville, Pa	30
Mr. William C. Hongler, 2055 North 13th st., Philadelphia, Pa	10
Mr. Wm. G. Hoople, 250 Front st., N. Y. City	20
Mr Herman W. Hoops, 271 Mulberry st., N. Y City	60
Mrs. Emily B. Hopkins, care of L. L. Benedict & Co., 704 Lords Court, N. Y. City	75
Mr. Henry C. Hopkins, Ridgefield, Conn	15
Mr. James R. Hopkins, 1908 So. Rittenhouse sq., Philadelphia, Pa	230
Mrs. Mary J. Hopkins, 1908 So. Rittenhouse sq., Philadelphia, Pa	7
Est. of Robert E. Hopkins, care of Tidewater Oil Co., 12 Broadway, N. Y. City	100
Mr. Samuel C. Hopkins, Catskill, N. Y	100
Mr. Walter L. Hopkins, Greenfield, N. H	1
Mrs. Harriet A. Hopper, 300 West 81st st., care of Winchester Fitch, City	100
Mrs. Harriet A. Hopper, exrx., care of Mr. J. G. Newcomb, room 712, Building	1,100
Mr. William W. Hoppin, 52 William st., N. Y. City	10
Mrs. Carrie L. Horne, North Plainfield, N. J	36
Mrs. Mary E. Horner, 219 N. 3rd st., Olean, N. Y	18
Mrs. Katharine Pratt Horton, 477 Delaware ave., Buffalo, N. Y	12
St. Louis Union Trust Co., trustee for Myron B. Horton, St. Louis, Mo	2
Mr. Isaac B. Hosford, Atlantic Highlands, N. J	7
Mr. Edward B. Hough, room 800, Building	1
Est. of Anna J. Houston, care of Pa. Co. for Ins. on Lives, Philadelphia, Pa	381
Mrs. Charlotte H. S. Houston, 610 Real Estate Tr. Bldg., Philadelphia, Pa	6
Est. of Henry H. Houston, care of Real Estate Tr. Co., Broad & Chestnut sts., Phila., Pa	11,775
Mr. William Henry Houston, 67 Boulevard Haussmann, Paris, France	1
Mrs. Anna D. Howard, care of Bay State Trust Co., 222 Boylston st., Boston, Mass	3
Mr. Charles N. Howard, 119 Waterman ave., East Providence, R. I	5
Est. of James L. Howard, P. O. Box 368, Hartford, Conn	350
Miss Nellie E. Howard, Box 719, Bellevue, Ohio	2
Miss Sophia W. Howard, 99 School st., Springfield, Mass	5
Mr. Leonard Howarth, 413 Pearl st., Camden, N. J	10
Mr. Ebenezer W. Howe, Cornwall-on-the-Hudson, New York	2
Mrs. Emily J. Howe, care of Mr. Ebenezer W. Howe, Cornwall-on-the Hudson, N. Y	2
Miss Lucy Gilbert Howe, care of Mr. Ebenezer W. Howe, Cornwall-on-the-Hudson, N. Y	3
Mr. Wm. P. Howe, room 1300, Building	50
Mr. Lloyd M. Howell, 31 Nassau st., N. Y. City	5
Mrs. Mary A. B. Howell, care of Mr. R. B. Howell, 501 Karbach Block, Omaha, Neb	7
Mrs. Sarah E. Howell, 164 Argyle road, Flatbush, N. Y	6
Mrs. H. Augusta Howes, The Iroquois, 49 W. 44th st., New York City	3
Miss Alice Russell Howland, 149 Hawthorn st., New Bedford, Mass	8
Mr. Clifford Howland, care of Mrs. Cobb, Main st., Hanover, N. H	3
Mr. Horace G. Howland, P. O. Box 156, New Bedford, Mass	8
Miss Mary T. Howland, P. O. Box 156, New Bedford, Mass	8
Mr. Russell Howland, 23 Warren st., N. Y. City	4
Mr. Alfred W. Hoyt, 1 Broadway, N. Y. City	100
Mr. Allen G. Hoyt, care of Mr. James Stillman, 52 Wall st., N. Y. City	850

	Shares.
Miss Annie S. Hoyt, care of Mr. Colgate Hoyt, 36 Wall st., N. Y. City	3
Mr. George S. Hoyt, 72 Gold st., New York City	20
Mrs. Minnie Hoyt, 1857 East 90th st., Cleveland, Ohio	20
Mess. A. M. Hoyt & Co., 1 Broadway, N. Y. City	100
Mrs. Adelaide C. Hubbard, 53 West 54th st., N. Y. City	120
Mrs. Agnes W. Hubbard, Greenwich, Conn	5
Mr. Grosvenor S. Hubbard, 35 Wall st., N. Y. City	40
Miss Henrietta W. Hubbard, 117 West 55th st., N. Y. City	6
Mr. John Hubbard, 60 Wall st., N. Y. City	15
Mr. Robert F. Hubbard, Cazenovia, N. Y	20
Mr. Timothy I. Hubbard, 232 Garfield pl., Brooklyn, N. Y	40
Dr. William N. Hubbard, 53 West 54th st., N. Y. City	5
Mr. Chas. E. Hubbell, 4 East 42nd st., N. Y. City	15
Miss Maria T. Hubbell, 149 Rock ave., New Haven, Conn	4
Mr. David Hubbs, Cobleskill, N. Y	5
Mr. Berthold Huber, 24 White st., Taunton, Mass	3
Mrs. Sarah C. Hudson, 1413 Fourth st., Louisville, Ky	3
Mess. C. I. Hudson & Co., 36 Wall st., N. Y. City	50
Mrs. Maragaret Hughes, 76 Lexington ave., Columbus, Ohio	31
Miss Madeleine Foot Huhn, 37 Wall st., N. Y. City	2
Mrs. Virginia C. Huidekoper, 1614 18th st. NW., Washington, D. C	25
Mrs. Emma F. Hull, care of Ill. Trust & Sav'gs Bank, Chicago, Ill	5
Mr. George A. Hull, 123 West 73rd st., New York City	5
Mrs. M. Gertrude Hull, 123 West 73rd st., N. Y. City	1
Mr. Edward T. Hulst, Poughkeepsie, N. Y	50
Mrs. Magdalene H. S. Hulst, 190 Van Buren st., Brooklyn, N. Y	70
Mrs. W. H. Humiston, 536 The Rose Bldg., Cleveland, Ohio	30
Mr. John H. Hummel, 4049 Ellis ave., Chicago, Ill	5
Mr. Walter C. Humstone, 213 Hancock st., Brooklyn, N. Y	360
Rev. John Humpstone, 291 Ryerson st., Brooklyn, N. Y	5
Mrs. Bertha Seccomb Hunt, care of Franklin Trust Co., Brooklyn, N. Y	9

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Miss Ellen D. Hunt, care of Chemical Nat'l Bank, 270 Broadway, N. Y. City	100
Mrs. Helen Jewett Hunt, Tivoli, Dutchess Co., N. Y	401
Mrs. Mary F. Hunt, 17 East Elm st., Greenwich, Conn	15
Mrs. Alice J. Hunter, 117 West 90th st., N. Y. City	1
Mr. Robert H. Hunter, 43 South Clinton st., Poughkeepsie, N. Y	5
Est. of Jno. Huntington, care of Mr. E. R. Perkins, 10 Commercial Bank Bldg., Cleveland, Ohio	6,500
Mr. Wm. R. Huntington, Elyria, Ohio	1
Mrs. Mary E. Huntley, care of Mr. L. L. Chadwick, 38 Main st., Lockport, N. Y	5
Mrs. Eliza M. Huntoon, care of Mr. W. P. Howe, room 1300, Building	53
Mrs. Anna R. Hurlburt, care of Brooklyn Trust Co., Brooklyn, N. Y	10
Mrs. Gertrude Hurlbut, care of Mess. Blake Bros. & Co., 50 Exchange pl., N. Y. City	10
Mrs. Ellen M. Hussey, 68 Concord st., Nashua, N. H	5
Mr. George B. Hussey, State Normal School, Lock Haven, Pa	1
Mr. Chas. S. Husted, 157 Clinton ave., Brooklyn, N. Y	210
Miss M. Catharine Husted, care of Mr. Chas. S. Husted, 157 Clinton ave., Brooklyn, N. Y	58
L. I. Loan & Trust Co., tr'ee for Herbert Seymour Husted, Brooklyn, N. Y	8
Mrs. Julia A. Husted, N. Y. Produce Exchange, box 3, N. Y. City	60
Mr. Seymour L. Husted, jr., care of Brooklyn Tr. Co., Montague & Clinton sts., Brooklyn, N. Y	20
Miss Emma L. Hutchings, P. O. box 138, South Orange, N. J	3
Mr. William R. Hutchings, 289 Sterling place, Brooklyn, N. Y	10
Mrs. Agnes Potter Hutchins, 4810 Ellis ave., Chicago, Ill	125
Mrs. Elizabeth T. Hutchins, care of Mr. J. C. McDonald, 209 Wesley ave., Oak Park, Ill	5
Mr. H. A. Hutchins, room 803, Building	2,067
Mr. H. F. Hutchinson, 4 Park pl., N. Y. City	5
Mrs. Lizzie Huttenlecher, 42 Wyona st., Brooklyn, N. Y	12

	Shares.
Mr. Abram M. Hyatt, Allenhurst, N. J	60
Mrs. Annie F. Hyatt, 243 East 9th st., Plainfield, N. J	5
Mr. Augustus L. Hyde, 210 East 18th st., N. Y. City	50
Mr. B. Francis Hyde, care of Central Trust Co., 54 Wall st., N. Y. City	50
Mr. Frank D. Hyde, 7 East 42d st., N. Y. City	10
Mr. Lewis H. Hyde, 141 Broadway, N. Y. City	20
Miss Mabel Lillia Hyde, 20 West 53rd st., N. Y. City	16
Mrs. Marie E. Hyde, 36 West 58th st., N. Y. City	200
Lewis H. Hyde et al., trustees of Mary M. S. Hyde, 141 Broadway, N. Y. City	20
Mr. Samuel M. Hyde, 20 West 53rd st., N. Y. City	40
Mrs. Sarah E. Hyde, 210 East 18th st., N. Y. City	52
Mrs. Ida Ikelheimer, 117 East 56th st., N. Y. City	3
Mr. Melville E. Ingalls, jr., 26 Liberty st., N. Y. City	5
Mrs. Amelia P. Ingraham, Saybrook Point, Conn	10
Mrs. Clara R. Ingraham, care of Mr. Geo. Ingraham, 68 William st., N. Y. City	6
Miss Elizabeth M. Ingraham, 3628 Washington ave., St. Louis, Mo	12
Mr. J. E. Ingraham, St. Augustine, Fla	2
International Elevating Co., 101 Produce Exchange, N. Y. City	25
Mr. Jere H. Ireland, Newburyport, Mass	10
Mr. W. M. Irish, 3144 Passyunk ave., Philadelphia, Pa	60
Mrs. Ellen E. Irving, care of Mr. A. D. Irving, Irvington-on-Hudson, N. Y	10
Mrs. Florence N. Irwin, 305 Park pl., Brooklyn, N. Y	2
Mess. A. Iselin & Co., 36 Wall st., N. Y. City	110
Mr. Paul Isler, 111 Bleecker st., N. Y. City	15
Mess. Isler & Guye, 111 Bleecker st., N. Y. City	5
Miss Lena C. Isom, Kenilworth, Cook Co., Ill	6
Ithaca Security Company, Ithaca, N. Y	25
Ithaca Trust Company, Ithaca, N. Y	20
Miss Ella F. Ivers, New Bedford, Mass	20
Mrs. Annie M. Ives, 368 Main st., Danbury, Conn	7
Mrs. Louise M. Ives, 320 Central Park West, N. Y. City	35
Mr. T. P. Izard, Santa Barbara, Cal	13
Mr. A. R. Gilchrist, tr. for Jeanie Jack, room 801, care of Mr. A. Wardwell, Building	4
E. Burton Hart et al., tr'tees, care of Mess. Merrill & Rogers, 31 Nassau st., N. Y. City	50
Mr. Henry R. Jackson, 3813 Walnut st., West Philadelphia, Pa	20
Mr. Robert Jackson, 525 Bramhall ave., Jersey City Hts., N. J	4
Mrs. Sarah A. Jackson, 825 Madison ave., N. Y. City	10
Mess. Jackson & Curtis, 1 Nassau st., N. Y. City	157
Mr. E. L. Jacobs, care of Wells Fargo Nevada Natl. Bank, San Francisco, Cal	200
Mrs. Isabel C. Jacobs, 264 Mountain ave., Malden, Mass	20
Mrs. Elizabeth F. Jacoby, care of Mr. R. M. Jacoby, 40 Wall st., N. Y. City	27
Mr. James M. Jacques, 2109 Bolton st., Baltimore, Md	7
Mrs. Virginia V. Jacques, 2109 Bolton st., Baltimore, Md	20
Mr. C. F. Stratton, Treasr., Jaffna College Funds, 85 Water st., Boston, Mass	100
Miss Annie A. James, care of Mr. Davis L. James, 127 W. 7th st., Cincinnati, O	15
Mr. Frederick P. James, 41 Wall st., N. Y. City	27
Mrs. Helen J. James, 17 West 54th st., New York City	2,373
Mr. Josiah James, St. Augustine, Fla	7
Mrs. Katharine L. James, 157 High st., Lockport, N. Y	6
Mr. Thomas D. James, Nassau, Rensselaer Co., N. Y	7
Mrs. Sophia G. Jamieson, care of The Ntl. Provincial Bk. of Eng., Ltd., S. Kensington, Brh	160
Mrs. Ida Louise Pratt Janes, care of Mess. E. Pratt & Bro., Baltimore, Md	20
Mrs. Harriette A. Jay, care of The Greenwich Bank, 402 Hudson st., N. Y. City	10
Rev. E. T. Jeffers, York, Pa	6
Mrs. Christie M. Jefferson, 1692 Broadway, N. Y. City	1

	Shares.
Mrs. Anna May Jeffreys, Vails Gate, Orange Co., N. Y	10
Mrs. Anna M. Jenkins, 8210 Cedar ave. se., Cleveland, Ohio	1
Mrs. Eliza L. Jenkins, care of Jenkins & Macy Co., Cutler Bldg., Rochester, N. Y	49
Mr. F. W. Jenkins, 28 Tompkins, pl., Brooklyn, N. Y	47
Est. of Francis Jenkins, 67 Liberty st., New York City	90
Mrs. Hattie L. Jenkins, Central Bridge, N. Y	5
Mr. James S. Jenkins, Stamford, Conn	60
Miss Jane L. Jenkins, 8206 Cedar ave. SE., Cleveland, Ohio	7
Mrs. Mary W. Jenkins, 8206 Cedar ave. SE., Cleveland, Ohio	30
Mr. Bernard Jenney, jr., 364 Tappen st., Brookline, Mass	3
Mr. A. O. Jennings, Bennington Center, Vt	50
Miss Annie B. Jennings, 48 Park ave., New York City	2,373
Mr. Austin Jennings, 158 Brooklawn ave., Bridgeport, Conn	25
Mr. Edward A. Jennings, Bridgeport, Conn	5
Mr. Edwin M. Jennings, 24 Union square, Bridgeport, Conn	25
Mrs. Esther J. Jennings, 48 Park ave., New York City	5,500
Mr. Frederick B. Jennings, 15 Broad st., New York City	400
Mrs. Jean Brown Jennings, care of Mr. Walter Jennings, room 911, Building	50
Mrs. Katie A. B. Jennings, Southport, Conn	10
Mrs. Mary B. Jennings, care of Mr. O. G. Jennings, 51 Wall st., N. Y. City	2,600
Mrs. Nellie M. Jennings, 258 Courtland st., Bridgeport, Ct	44
Mr. Oliver G. Jennings, room 1711, 51 Wall st., N. Y. City	2,300
Mr. Philip B. Jennings, 192 Broadway, N. Y. City	50
Mr. Walter Jennings, room 911, Building	2,550
Mrs. Bertha H. B. Jesup, 59 Schuyler ave., Stamford, Conn	10

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Mrs. Maria De Witt Jesup, 195 Madison ave., New York City	20
Mrs. Mary E. Jesup, care of Mess. Jesup & Lamont, room 604, Building	300
Mess. Jesup & Lamont, room 604, Building	30
Miss Caroline Grace Jewell, 37 Brimmer st., Boston, Mass	1
Mrs. Anna L. Jewett, 313 Summer st., Buffalo, N. Y	5
Mr. Wm. Kennon Jewett, Colorado Springs, Col	400
Mess. Jewett Bros., 49 Broadway, N. Y. City	4
Mrs. Alma Strong Johnson, 5531 Washington ave., Chicago, Ills	2
Mr. Arthur G. Johnson, Spuyten Duyvil, N. Y	9
Mrs. Bertha Moorehouse Johnson, care of Union Trust Co., New Haven, Conn	10
Mr. Charles Henry Johnson, 204 Essex st., Boston, Mass	3
Franklin R. Johnson, trustee for David T. Johnson, Ansonia, Conn	5
Mr. Elias M. Johnson, Spuyten Duyvil, N. Y	9
Mrs. Fanny B. Johnson, 7 Commonwealth ave., Boston, Mass	6
Mr. Franklin R. Johnson, Ansonia, Conn	5
Mr. Geo. H. N. Johnson, care of Mess. Hincks & Johnson, Bridgeport, Conn	6
Mr. Gilbert H. Johnson, Spuyten Duyvil, N. Y	9
Mr. Guy B. Johnson, care of American Ice Co., Broadway & 28th st., N. Y. City	431
Mr. H. H. Johnson, American Trust Co., Cleveland, Ohio	20
Mr. Ira Johnson, 715 Eastern ave., Baltimore, Md	2
Mr. Isaac B. Johnson, Spuyten Duyvil, N. Y	9
Mr. W. H. Koontz, exr., est. of J. F. Johnson, Somerset, Pa	24
Mr. John G. Johnson, 153 Joralemon st., Brooklyn, N. Y	1,435
Mr. James W. Johnson, Spuyten Duyvil, N. Y	9
Mrs. Julia B. Johnson, care of Mess. Chas. Frazier & Co., 93 Nassau st., N. Y. City	25
Mrs. Mary Emma Johnson, 129 Stratford ave., Bridgeport, Conn	3
Mrs. Mary L. Johnson, care of M. B. & H. H. Johnson, Am. Tr. Bldg., Cleveland, Ohio	20
Franklin R. Johnson, trustee for Sarah E. Johnson, Ansonia, Conn	5
Mr. William W. Johnson, care of Central Trust Co., 54 Wall st., N. Y. City	5
Mrs. Caroline H. Johnston, care of Mr. Harris D. Colt, 30 Broad st., N. Y. City	100

	Shares.
Mrs. Ellen C. Johnston, R. R. No. 1, Conneaut Lake, Pa	10
Mrs. H. V. Johnston, care of Keystone Natl. Bank, Pittsburg, Pa	240
Mr. R. P. Johnston, 2 West 46th st., N. Y. City	25
Mr. Russell M. Johnston, Tweddle Bldg., Albany, N. Y	10
Mrs. Victoria R. Johnston, care of Wm. J. Johnston, room 604, Building	25
Mr. Wm. J. Johnston, room 604, Building	1,200
Mrs. Jennie R. Johnstone, care of Williamsburg Trust Co., Brooklyn, N. Y	40
Mrs. Mary C. Johnstone, care of Fifth Ave. Bank, 530 5th ave., N. Y. City	3
Mrs. Matilda Jonap, 2216 Fulton ave., Wal. Hills, Cincinnati, Ohio	5
Mrs. Carolyn L. Jones, care of Mr. A. L. Jones, jr., Standard Oil Co., Baltimore, Md	3
Mrs. Elizabeth R. Jones, care of 5th Ave. Trust Co., New York City	50
Mrs. Ella M. Jones, 314 West Utica st., Buffalo, N. Y	127
Mrs. Emma Pratt Jones, 695 Delaware ave., Buffalo, N. Y	8
Mr. Ernest W. Jones, 314 West Utica st., Buffalo, N. Y	30
Georgia Gelston Jones, 234 West Hoffman st., Baltimore, Md	60
Mr. Henry E. Jones, 38 Park row, N. Y. City	10
Mr. Henry F. Jones, Setauket, L. I	5
Mr. Henry R. Jones, 464 Clinton ave., Brooklyn, N. Y	30
Mrs. J. T. Jones, 1024 Prudential Bldg., Buffalo, N. Y	150
Mr. J. Smoot Jones, 114 West State st., Trenton, N. J	1
Mr. James A. Jones, 314 West Utica st., Buffalo, N. Y	45
Mrs. Lillian I. Floyd-Jones, care of Mr. T. K. Wilmerding, 69 West 36th st., N. Y. City	3
Mrs. M. Louisa Jones, care of Mr. C. W. Jones, room 1301, Building	174
Miss Mary Jones, care of 5th Ave. Trust Co., New York City	60
Miss Nellie M. Jones, 314 West Utica st., Buffalo, N. Y	30
Mr. Philip W. Jones, 529 Stickney ave., Toledo, Ohio	1
Mrs. S. Vick Jones, 336 West 68th st., N. Y. City	5
Mess. Jones & Lanman, 6 Wall st., N. Y. City	2
Mr. Frederick Joseph, 47 West 66th st., N. Y. City	25
Mr. Isaac Joseph, 113 St. Clair st., Cleveland, Ohio	25
Mr. Moritz Joseph, 113 St. Clair st., Cleveland, Ohio	50
Mr. Sigmund Joseph, 113 St. Clair st., Cleveland, Ohio	25
Mr. Louis Josephthal, 30 East 62nd st., New York City	10
Miss Mary Joslin, 700 W. First st., Los Angeles, Cal	2
Genl. James Jourdan, 180 Remsen st., Brooklyn, N. Y	100
Mrs. Emma McGee Joy, North Plainfield, N. J	36
Mr. Fred Joy, 95 Milk st., Boston, Mass	5
Mr. E. N. Judd, Greenwich, Conn	5
Mrs. Ella K. Judd, Greenwich, Conn	6
Mrs. Frances Ball Judd, 616 West 137th st., N. Y. City	1
Mrs. Henrietta M. W. Judd, to be addressed Mrs. F. W. Judd; Mrs. F. W. Judd, The St. Regis, Euclid ave., Cleveland, Ohio	80
Mr. P. H. Judd, 616 West 137th st., N. Y. City	3
Mrs. Ellen A. Judge, 208 W. Beard ave., Syracuse, N. Y	21
Mrs. Edith Judson, Rhinebeck, N. Y	3
Mrs. Rachel V. S. Judson, Rhinebeck, N. Y	5
Mrs. Edith C. Justus, 159 East Bissell ave., Oil City, Pa	24
Mr. Samuel Justus, Oil City, Pa	36
Mr. Daniel W. Kahl, 73 Forsyth st., N. Y. City	15
Mrs. Patti G. Kaine, Uniontown, Fayette Co., Pa	18
Mrs. Cora N. Kaiser, care of J. H. Kaiser, Silver Creek, Chautauqua Co., N. Y	8
Miss Lucy Kammerer, 234 East 62nd st., New York City	5
Mr. Robert C. Kammerer, 362 Fifth ave., care of The Aeolian Co., N. Y. City	5
Mr. Edward Kanouse, 770 Broad st., Newark, N. J	10
Mrs. C. M. J. Karsner, 616 Mariner & Merchant Bldg., Philadelphia, Pa	1
Mr. Sigmund Kaufmann, 400 Manhattan ave., N. Y. City	5
Mrs. Eliza Jane Kean, 620 Warren st., Roxbury, Mass	5
Mr. Henry S. Kearney, 100 Broadway, N. Y. City	10
Mr. Henry S. Kearney, 100 Broadway, N. Y. City	10
Miss Carrie L. Keeler, care of Am. Express Co., 3 Waterloo pl., London, England	10

	Shares.
Mr. Charles E. Keeler, 1617 Beverly road, Brooklyn, N. Y	19
Mr. H. E. Keeler, 222 Broadway, N. Y. City	20
Miss Rose Keenan, 162 East 85th st., N. Y. City	3
Miss Marie C. Keene, Saugatuck, Conn	3
Mrs. Louisa E. Keep, care of Springfield Safe Dep. & Tr. Co., Springfield, Mass	70
Mr. Ralph S. Keep, 438 High st., Lockport, N. Y	30
Mess. O. H. Keep & Son, 809 Broadway, N. Y. City	20

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Mrs. Elizabeth T. Keferstein, 1204 18th st. nw., Washington, D. C	100
Miss Bertha Keffer, 93 Olive st., Cleveland, Ohio	1
Miss Mary Keffer, 93 Olive st., Cleveland, Ohio	1
Mr. George A. Keiley, Beaulieu, Gorey, Jersey, Great Britain	15
Mr. James D. Keith, trustee, Poughkeepsie, N. Y	10
Mrs. Laura C. Keith, 151 Academy st., Poughkeepsie, N. Y	5
Mrs. Annie P. Kelly, Lakeville, Mass	1
Mr. William C. Kelly, R. F. D., Route 1, Bristol, N. H	6
Mr. Wm. P. Kelly, 30 West 130th st., N. Y. City	20
Mr. Clarence H. Kelsey, 176 Broadway, N. Y. City	30
Estate of James E. Kelsey, 174 Lafayette ave., Brooklyn, N. Y	30
Mrs. Sarah H. Kelsey, 315 Lafayette st., Bridgeport, Conn	5
Mr. William H. Kelsey, 46 Bank st., Bridgeport, Conn	10
Mrs. Adelaide E. Kemlage, 26 The Baltimore, Tompkinsville, S. I., N. Y	14
Mrs. Martha E. Kemp, 65 2nd st., Troy, N. Y	10
Mr. William Kemp, Troy, N. Y	200
Mr. Arthur Kemper, 1605 Second st., Rensselaer, N. Y	15
Mrs. Alice Pomroy Kenan, Lockport, N. Y	150
Miss Sarah G. Kenan, Wilmington, N. C	50
Mr. W. R. Kenan, jr., Lockport, N. Y	365
Mr. A. E. Kendall, 176 Roxbury st., Keene, N. H	104
Mr. Alexander Kendall, 1306 Cedar ave., Cleveland, Ohio	1
Miss Caroline C. Kendall, 10 West 55th st., New York City	50
Mr. Daniel R. Kendall, 31 Nassau st., New York City	350
Mrs. Caroline A. Kennard, Hotel Victoria, Boston, Mass	22
Mr. James W. Kennedy, care of Lee, Kretzchmar & Co., 51 Exchange Pl., N. Y. City	100
Mr. John S. Kennedy, 31 Nassau st., New York City	3,000
Mr. Thomas W. Kennedy, room No. 801, Building	25
Miss Jennie A. Kenny, 433 Adams ave., Scranton, Pa	2
Mr. Halsey W. Kent, Greenwich, Conn	20
Miss Jennie E. Kent, Greenwich, Conn	30
Mr. S. H. Kepner, care of Jas. G. Newcomb, room 712, Building	1
Mrs. Grace N. Kerr, 510 North Broadway, Yonkers, N. Y	12
Mr. Harrison D. Kerr, 12 East 48th st., New York City	220
Mrs. Mary F. Kerr, care of Mr. John F. Halsted, Goshen, Orange Co., N. Y	15
Mrs. Selina A. C. Kerr, 763 Fifth ave., N. Y. City	10
Mrs. Serena Kerr, 44 West 56th st., New York City	101
Mr. Thomas B. Kerr, 750 Washington st., New York City	333
Mr. Thos. H. Kerr, 74 Broadway, N. Y. City	25
Mess. Kerr & Co., 74 Broadway, N. Y. City	4
Mrs. Kate S. Ketchum, 37 St. Pauls pl., Brooklyn, N. Y	3
Mr. Arthur H. Keyes, Rutland, Vermont	15
Dr. E. L. Keyes, 109 East 34th st., New York City	40
Mr. M. L. Keyes, First Natl. Bank, Oneonta, N. Y	5
Mrs. Adelaide P. Kidd, 7 Elk st., Albany, N. Y	10
Messrs. A. M. Kidder & Co., 18 Wall st., N. Y. City	122
Est. of Rebecca S. Kiernan, Somerset, Pa	120
Est. of Robert Kiernan, Cresson, Pa	5
Mr. W. C. Kiesel, 1600 Belmont ave., Flat B, Seattle, Wash	10
Messrs. A. W. Kilbourne & Co., 40 Wall st., N. Y. City	50
Miss Mary A. Kilcawley, 347 Mill st., Poughkeepsie, N. Y	1
Mr. Robert Killgore, Dover, N. J	2
Mrs. Mary McGuire Kilpatrick, 674 35th st., Oakland, Cal	1
Miss Annie L. Kimball, 436 Clinton ave., Brooklyn, N. Y	10
Miss Clara L. Kimball, 436 Clinton ave., Brooklyn, N. Y	10

	Shares.
Mrs. Edith Gibb Kimball, care of Messrs. R. J. Kimball & Co., 7 Nassau st., N. Y. City	8
Mr. H. G. Kimball, care of Messrs. Brown, Green & Co., 48 John st., N. Y. City	4
Mrs. Martha L. Kimball, 436 Clinton ave., Brooklyn, N. Y	10
Mr. W. Eugene Kimball, 7 Nassau st., N. Y. City	2
Mrs. Josephine Kimbel, 410 West 146th st., N. Y. City	5
Mr. D. Webster King, 70 State st., Boston, Mass	5
Mrs. Eliza B. S. King, care of Mr. Wm. A. Sherman, Produce Ex., N. Y. City	25
Mr. George R. King, Cambridge, N. Y	2
Marcus T. Hun, Henry K. McHarg, and Benjamin W. Johnson, as trustees, under the last will and testament of Joshua Howard King, deceased, for Henrietta E. King	6
Marcus T. Hun, Henry K. McHarg, and Benjamin W. Johnson, as trustees under the last will and testament of Joshua Howard King, deceased, for Irene H. King (Marcus T. Hun, etc., for Henriette, Winona, Irene & Ritte E. King, go to Benj. W. Johnson)	1
Marcus T. Hun, Henry K. McHarg, and Benjamin W. Johnson, as trustees under the last will and testament of Joshua Howard King, deceased, for Rittie E. King (Mr. Benj. W. Johnson, care of Albany Savings Bank, Albany, N. Y.)	1
Marcus T. Hun, Henry K. McHarg, and Benjamin W. Johnson, as trustees under the last will and testament of Joshua Howard King, deceased, for Winona I. King	2
Mr. Herbert D. King, care of the Cleveland Trust Co., Cleveland, Ohio	25
Mr. James L. King, Cambridge, N. Y	6
Mrs. Rachel A. Albright King, 19 Highfield rd., Edgbaston, Birmingham, Eng	13
Mr. Ralph T. King, trustee, 29 Euclid ave., Cleveland, Ohio	150
Mr. Wm. R. King, room No. 1000, Building	10
Mrs. A. M. Kingan, 19 Lenox st., Chevy Chase, Md	100
Mrs. Anna P. Kingsbury, Woodstock, Conn	12
Miss Helen F. Kingsbury, 1728 So. Salina st., Syracuse, N. Y	1
Mr. K. R. Kingsbury, room 505, Building	10
Mr. Louis C. Kingsbury, 223 Asylum st., Hartford, Conn	5
Miss Mary Kingscote, 399 East 14th st., Flatbush, Brooklyn, N. Y	3
Mrs. Mary J. Kingsland, care of Mr. W. H. Macy, jr., 68 Broad st., N. Y. City	282
Mrs. Kate B. Kingsley, 209 Fourth ave., Pittsburg, Pa	131
Mrs. Marie Kinkel, 131 Winthrop st., Flatbush, N. Y	3
Est. of Alexander Kinnaird, care of Citizens Sav. & Trust Co., Cleveland, Ohio	50
Mr. Charles H. Baker, adm. of est. of Dwight Kinney, Union Trust Bldg., Cincinnati, Ohio	43
Mrs. Edith P. Kinnicutt, care of Mess. Kinnicutt & DeWitt, Worcester, Mass.	2
Mrs. Eleanora Kinnicutt, 39 East 35th st., New York City	7
Mr. Roger Kinnicutt, care of Mess. Kinnicutt & DeWitt, Worcester, Mass	3
Mrs. Gertrude T. Kirk, 763 Bloomfield ave., Montclair, N. J	33
Mrs. Rosalie Wilson Kirkland, care of Wm. J. Wilson, Bourse Bldg., room 578, Philadelphia, Pa	30
Mrs. Mary Lewis Kirkman, 52 Bridge st., Brooklyn, N. Y	10
Mess. Kirkman & Son, 52 Bridge st., Brooklyn, N. Y	70
Mrs. Mary Kiser, care of Mr. Martin Snider, S. O. Co., Cleveland, Ohio	13
Miss Kate Kissam, care of Rev. S. Parry, 204 E. Main st., Somerville, N. J	25
Mess. Kissel, Kinnicutt & Co., 37 Wall st., N. Y. City	1
United States Tr. Co., exr. est. of Charles T. Kissam, P. O. B. 639, N. Y. City	10

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Est. of Theodore Kitchen, 313 South 17th st., Philadelphia, Pa	50
Mr. Ammon P. Kitching, 13 So. William st., N. Y. City	4
Mr. Frank W. Kitching, 13 So. William st., N. Y. City	20

	Shares.
Mrs. Georgia D. Kittredge, N. Y. C. & Hudson R. R. R. Co., care of G. W. Kittredge, N. Y. City	5
Mr. S. D. Kittredge, Hastings-on-Hudson, New York	10
Mrs. Mabel T. Kittredge, 69 Cypress st., Brookline, Mass	5
Mr. Henry F. Klein, 104 St. Clair st., Cleveland, Ohio	5
Mr. C. L. Klemann, 45 Broadway, N. Y. City	16
Miss Amelia Knapp, Greenwich, Conn	7
Mrs. Fannie T. Knapp, 1237 Washington ave., care of Butler Bros., St. Louis, Mo	24
Mrs. Grace McN. Knapp, 16 College ave., Rochester, N. Y	38
Mr. H. K. Knapp, 30 Broad st., N. Y. City	100
Mr. H. K. Knapp, 1237 Washington ave., St. Louis, Mo	100
Knauth, Nachod & Kuhne, 11 William st., N. Y. City	23
Mess. H. Knickerbacker & Co., 25 Broad st., N. Y. City	10
Mr. Chas. H. Knight, 147 West 57th st., New York City	30
Mr. F. J. Knight, care of Mess. Tiffany & Co., 5th ave. & 37th st., N. Y. City	7
Mrs. Lucy Mackenzie Knight, 147 West 57th st., N. Y. City	11
Mrs. Eunice B. Knott, 22 St. John st., Jamaica Plains, Mass	23
Mr. Howard Knowles, Galesburg, Ill	10
Mrs. Sarah B. Knowles, Yardley, Pa	4
Mr. Eben J. Knowlton, 564 Broadway, N. Y. City	50
Mr. Geo. B. Knox, care of Atlantic Refining Co., Pittsburgh, Pa	8
Mrs. Maria R. Knox, 102 Willow st., Brooklyn, N. Y	2
Mr. Victor Koechl, P. O box 2968, New York City	25
Est. of Emily H. Koehler, 845 Broad st., Newark, N. J	100
Mr. Emil J. Kohl, P. O. Box 156, Belleville, Ill	1
Mr. F. Kohl, Centralia, Ill	4
Miss Luella B. Kountze, care of Allegheny Trust Co., Federal st., Allegheny, Pa	7
Mess. Kountze Brothers, 120 Broadway, N. Y. City	3
Mr. B. F. Kraffert, Titusville, Pa	30
Mr. J. P. Krebs, room No. 900, Building	5
Mr. Charles E. Kuh, 456 Produce Exchange, N. Y. City	2
Mr. Emil Kuntze, 15 William st., N. Y. City	2
Mrs. Kate M. Ladd, care of Mr. W. H. Macy, jr., 68 Broad st., N. Y. City	2,076
Mr. Walter G. Ladd, care of Mr. W. H. Macy, jr., 68 Broad st., N. Y. City	350
Mess. Ladd & Wood, 7 Wall st., N. Y. City	50
Ladenburg, Thalman & Co., 44 Wall st., N. Y. City	80
Mr. J. Harvey Ladew 637 Madison ave., N. Y. City	41
Mrs. Jennie H. Ladew, 300 Central Park West, N. Y. City	3
Mr. E. N. Wead, treas., Laflin & Rand Powder Co., Equitable Bldg., Wilmington, Del	100
Baron Rene Louis H. Lahure, care of Mess. John Munroe & Co., 30 Pine st., N. Y. City	2
Baronne Veuve P. Lahure, née Louise P. Barthelemy, care of John Munroe & Co., N. Y. City	5
Wilhelmine Pauline Lahure, care of Mess. John Munroe & Co., 32 Nassau st., N. Y. City	3
Mrs. Elizabeth C. Laidlaw, 14 Wall st., N. Y. City	50
Mr. R. M. Laidlaw, 463 West 147th st., N. Y. City	10
Mess. Laidlaw & Co., 14 Wall st., N. Y. City	5
Mr. Richard H. Laimbeer, jr., 291 Broadway, N. Y. City	66
Mr. Henry S. Lake, 75 Central Park West, N. Y. City	20
Mr. Albert E. Lamb 189 Montague st., Brooklyn N. Y	5
Est. of Edwin H. Lamb, Frank L. Babbett, exr., care of Mary S. Lamb, Waterville, N. Y	25
Mr. Henry M. Lamberton, Winona, Minn	13
Mr. E. H. Lampe, Warren, Pa	1
Mr. Hiram H. Lamport, care of Chemical Nat. Bk., Broadway & Chambers st., N. Y. City	3
Mr. Paul Lamy, 92 Ave. Victor Hugo, Paris, France	5
Mrs. Sarah Tuttiet Lancaster, care of Miss K. I. Harrison, room 1102, Building	50
Est. of Jacob Landesman, 90 Water st., Cleveland, Ohio	25

	Shares.
Mrs. Frances S. Lane, care of Mr. J. D. Chambers, S. O. Co., Cleveland, Ohio	30
Mrs. Mary B. Lane, 25 West 49th st., N. Y. City	90
Mrs. A. E. Langdon, 130 South Elliott pl., Brooklyn, N. Y	10
Mr. Charles H. Langdon, 84 White st., N. Y. City	6
Mr. Charles S. Langdon, 95 Pearl st., Hartford, Conn	1
Mr. Hervert B. Langdon, 51 Prospect st., Hartford, Conn	2
Mrs. Mary S. Lange, 2117 Delancey pl., Philadelphia, Pa	4
Mr. F. H. Langworthy, "Personal," Warren, Pa	31
Mr. Charles Lanier, 59 Cedar st., New York City	360
Mrs. Harriet B. Lanier, care of Winslow, Lanier & Co., 59 Cedar st., N. Y. City	100
Mess. Howard Lapsley & Co., 15 Broad st., New York City	25
Mr. Alfred Large, box 205, Darien, Conn	15
Mr. John Larkin, 44 Wall st., N. Y. City	10
Mr. P. B. La Roche, 704 Madison ave., New York City	31
Mrs. Susie A. Larremore, care of Mr. Wilbur Larremore, 32 Nassau st., N. Y. City	12
Mess. Latham, Alexander & Co., 16 Wall st., N. Y. City	35
Miss Caroline P. Latimer, 19 Pierrepont st., Brooklyn, N. Y	100
Miss Julia W. Latimer, 19 Pierrepont st., Brooklyn, N. Y	80
Miss Mary Latimer, care of P. L. LeBrun, 111 Jeralemon st., Brooklyn, N. Y	80
Mr. Charles L. Laudy, 30 West 128 st., New York City	6
Mr. William E. Lauer, 18 Wall st., New York City	1
Mrs. Adeline P. Law, 13 James st., Montclair, N. J	25
Mrs. Fannie B. Law, care of Natl. Bank of the Republic, 95 Milk st., Boston, Mass	150
Mrs. Effie Lawrence, 671 Jefferson ave., Brooklyn, N. Y	6
Exrs. of Est. Rebecca C. Lawrence, address Elizabeth L. Dudley, Exrx., * Mrs. Elizabeth L. Dudley, Point Pleasant, Ocean Co., N. J	7
Cyrus J. Lawrence & Sons, 15 Wall st., New York City	35
Mrs. E. M. C. A. Lawton, 37 Fifth ave., New York City	50
Mrs. Helen M. Lawton, 213 Pawtucket st., Lowell, Mass	2
Mrs. Alida Laycock, 16 West 102nd st., N. Y. City	1
Mrs. Alice Van A. Lea., 122 So. 7th st., Philadelphia, Pa	25
Mr. Edward Leaming, 437 West 59th st., N. Y. City	68

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Miss Annie Leary, 3 Fifth ave., New York City	62
Mr. Dennis F. Leary, State st., Springfield, Mass	1
Mess. George Leask & Co., 35 Wall st., New York City	315
Mr. Marvin H. Leavens, 257 Broadway, New York City	1
Miss Alice V. Leavitt, care of Mr. William Buchanan, 14 East 69th st., N. Y. City	30
Mrs. Amelia W. Leavitt, Bayside, L. I	70
Katherine Spencer Leavitt, care of R. A. Lancaster & Sons, 10 Wall st., N. Y. City	10
Miss Elizabeth Le Boutillier, 50 East 25th st., N. Y. City	2
Miss Mary Le Boutillier, 50 East 25th st., N. Y. City	2
Mrs. Lucy P. Le Brun, 111 Joralemon st., Brooklyn, N. Y	30
Mrs. Catherine Ten Eyck Ledyard, Cazenovia, N. Y	10
Mr. L. C. Ledyard, jr., 54 Wall st., N. Y. City	10
Lewis Cass Ledyard & Payne Whitney, 49 Wall st., N. Y. City	8,000
Mrs. Helen Lee, care of Mess. Blake Bros. & Co., New York City	5
Miss Helen Lee, jr., 38 East 54th st., N. Y. City	6
Mr. John T. Lee, 151 Maiden Lane, New York City	5
Est. of Luther M. Lee, 4 Moultrie st., Dorchester Centre, Mass	15
Mr. Luther W. Lee, exr., 4 Moultrie st.,* Dorchester Centre, Mass	2
Mrs. Mary D. Lee, 56 West 10th st., care of Mrs. O. Horsey, N. Y. City	10
Miss Sarah R. Lee, 56 East 54th st., New York City	10
Est. of Wm. H. Lee, 350 Broadway, room 505, care of Mr. C. W. Lee, N. Y. City	100
Mess. Lee, Higginson & Co., 44 State st., Boston, Mass	1
Mess. Lee, Kretschmar & Co., 51 Exchange pl., N. Y. City	50

	Shares.
Mrs. Emma F. Leeb, care of Barclay, Hazard & Co., 11 Broadway, N. Y. City	5
Mr. David C. Leech, care of Mr. Jas. S. Swartz, 9 Broadway, N. Y. City	50
Mrs. Anna Lees, 1704 Flatbush ave., Brooklyn, N. Y	35
Mrs. Lucy P. Lees, Westport, Conn	10
Miss Mary L. Lees, 1704 Flatbush ave., Brooklyn, N. Y	22
The L. I. Loan & Trust Co., gdn. of William T. Lees, Temple Bar, Brooklyn, N. Y	22
Mrs. Mildred D. Leeson, room 13, 95 South st., Boston, Mass	2
Mr. Egbert Le Fevre, 52 West 56th st., N. Y. City	50
Mrs. Mabelle W. H. Legge, care of Portland Natl. Bank, Portland, Maine	2
Miss Eleanor Leggett, 30 West Passaic ave., Rutherford, N. J	5
Mrs. Katharine D. Leggett, 30 Passaic ave., Rutherford, N. J	5
Mrs. Cecile Le Gierse, care of Morgan, Harjes & Co., 31 Boule. Haussm'n, Paris, France	6
Miss Edyth Le Gierse, care of Morgan, Harjes & Co., 31 Boul. Haussmann, Paris, France	10
Mrs. Ida M. Leighton, 2110 Beverly road, Flatbush, N. Y	14
Mr. Frank A. Leisenheimer, 2751 East 55th st., Cleveland, Ohio	20
Mr. C. H. Leland, 48 Exchange pl., N. Y. City	100
Mrs. Emily W. Leland, 692 Park ave., New York City	10
Mrs. Grace A. Leland, 41 Davis ave., Brookline, Mass	25
Mr. Lester Leland, 101 Milk st., Boston, Mass	50
Miss Alice Lemley, care of Mr. D. F. Lemley, 220 West Chestnut st., W. Chester, Pa	3
Mrs. Sarah E. Lemley, 510 Ottawa st., Lansing Mich	50
Mr. John J. Lenehan, 71 Nassau st., New York City	5
Mr. John F. Lennon, 24 Exchange pl., Providence, R. I	10
Mr. S. F. Leo, 91 Ashburton ave., Yonkers, N. Y	4
Mrs. Grace S. Leonard, 42 Willett st., Albany, N. Y	10
Mrs. Pamelia J. Leonard, 256 Clinton ave., Brooklyn, N. Y	4
Mme. Mathilde Leplat, 19 Rue Marboeuf, Paris, France	10
Mr. Daniel E. Leslie, 2249 East 40th st., Cleveland, Ohio	75
Mrs. Margaret E. Leslie, 2249 East 40th st., Cleveland, Ohio	50
Anna Madeleine Letterman, The Marlborough, Washington, D. C	20
Mrs. Catherine Letterman, The Marlborough, Washington, D. C	10
Mrs. A. C. Leunggren, care of Chelsea Exchange Bank, 259 W. 34th st., N. Y. City	110
Mrs. Fannie F. J. Leverich, Corona, L. I., Borough of Queens, N. Y	30
Mrs. Gertrude R. Leverich, Corona P. O., L. I., Borough of Queens, N. Y	2
Mrs. Mathilde G. Leverich, care of Mr. C. D. Leverich, Corona P. O., L. I	2
Mrs. Susan E. Leves, care of Mr. R. C. Veit, room 200, Building	100
Mrs. Mary Chetwood Levey, 323 N. Broad st., Elizabeth, N. J	2
Mr. A. J. Levi, E. Orange, N. J	2
Miss Elsa B. Levi, 2344 East 55th st., Cleveland, Ohio	12
Miss Irma J. Levi, 2344 East 55th st., Cleveland, Ohio	13
Mr. L. Napoleon Levy, 20 New st., New York City	2
Mrs. Sarah Levy, 46 West 76th st., N. Y. City	10
Mr. Alpheus Lewis, 1425 Broadway, N. Y. City	25
Mr. Chas. H. Lewis, 100 Broadway, New York City	10
Miss Cornelia D. Lewis, 217 So. Union st., Burlington, Vt	5
Geo. Lewis et al., tr. for Dorothy Lewis, Chamberlain Bldg., Norfolk, Va	140
Mr. E. M. Lewis, 45 Broadway, N. Y. City	40
Mr. Fred'k Lewis, 510 Atlantic Trust Bldg., Norfolk, Va	186
Mr. George Lewis, Oil City, Pa	300
Mr. Geo. H. Lewis, 55 Chamberlain Bldg., Norfolk, Va	187
Mr. H. D. Lewis, 45 Broadway, New York City	20
Mrs. Helen H. Lewis, care of Mr. S. C. Lewis, Franklin, Pa	10
Mr. John H. Lewis, P. O. box 332, N. Y. City	289
Mrs. Mary A. Lewis, 215 Kennard st., Cleveland, Ohio	7
Mrs. Mary Russell Lewis, Tarrytown, N. Y	30
Mr. S. C. Lewis, Franklin, Pa	100
Mrs. Sarah H. Lewis, care of Mr. S. C. Lewis, Franklin, Pa	60
Mrs. Wealthy H. Lewis, 118 West 76th st., N. Y. City	20
Mr. A. Lichtenhein, 63 Neptune ave., New Rochelle, N. Y	4
Mr. Charles H. Liebert, 143 East 52d st., N. Y. City	5

	Shares
Mrs. Lulu W. Liebmann, 55 East 82d st., N. Y. City	1
Mr. Edward Earl, trustee est. of Wm. Life, The Nassau Bank, N. Y. City	120
Mr. Ernest Lighthipe, Main st., Orange, N. J	2
Miss Margaret L. Lighthipe, 42 Main st., Orange, N. J	10
Miss Mary A. Lighthipe, 42 Main st., Orange, N. J	8

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Mrs. Sarah M. Lighthipe, Main st., Orange, N. J	5
Mrs. Lillie B. Lilienthal, 202 Sansome st., San Francisco, Cal	10
Mrs. Eliza S. Lincoln, 15 John st., Chelsea, Mass	25
Mrs. Helen B. Lincoln, Chandler st., Worcester, Mass	1
Mrs. Sarah E. M. Lincoln, 81 New st., N. Y. City	125
Mr. Edmund Lindenthal, 115 West 31st st., N. Y. City	2
Mr. Paul Lindenthal, 115 West 31st st., N. Y. City	2
Mrs. Charlotte LeRoy Lindley, care of Mr. E. J. Hancy, 40 Wall st., N. Y. City	12
Dr. Edwin F. Lindridge, 424 Vanderbilt ave., Brooklyn, N. Y	7
Mrs. Permelia T. Linbridge, 424 Vanderbilt ave., Brooklyn, N. Y	87
Mrs. Viola M. Lingane, 37 Warrington pl., East Orange, N. J	4
Mrs. Mary E. Linn, care of Mr. W. R. Linn, room 126, Rialto Bldg., Chicago, Ills	3
Mess. F. J. & R. J. Linton, Newtown, Bucks Co., Pa	2
Miss Amelia E. Lippincott, 195 Wall st., Kingston, N. Y	5
Mr. Andrew H. Lipsett, care of H. B. Claflin Co., Church st., N. Y. City	10
Mr. Edward Litchfield, care of Mess. Mackay & Co., Nassau & Cedar sts., N. Y. City	5
Mrs. Sophia E. Litchfield, 53 Commercial st., Lynn, Mass	6
Mrs. Mary Clare Littig, care of Natl. Marine Bank, Baltimore, Md	30
Mr. Andrew Little, 17 East 62nd st., New York City	100
United States Trust Co., trustee of Eliz. B. Little, 45 Wall st., N. Y. City	1
United States Tr. Co., tr'ee, benefit of Grace M. Little, 45 Wall st., N. Y. City	2
Miss Jennie E. Little, 17 East 62nd st., N. Y. City	10
United States Tr. Co., tr'ee, benefit of John M. Little, 45 Wall st., N. Y. City	2
Mrs. Ann E. Livermore, care of Mr. John R. Livermore, 24 State st., N. Y. City	12
Mr. John R. Livermore, 21–24 State st., N. Y. City	90
John R. Livermore, trustee	30
Mrs. Ella C. Livermore, care of Mr. A. H. Livermore, 391 Broadway, N. Y. City	6
Mr. Richard L. Livermore, 66 Fullerton ave., Montclair, N. J	20
Miss Anna P. Livingston, 53 West 33rd st., New York City	3
Mrs. Emeline C. Livingston, Catskill Station, Columbia Co., N. Y	2
Est. of Max Livingston, care of Mr. Herman Livingston, "The Newport," Phila., Pa	110
Est. of Grace M. H. Lloyd, 125 Pierrepont st., Brooklyn, N. Y	30
Mr. Malcolm Lloyd, 505 Chestnut st., Philadelphia, Pa	942
Mr. Charles E. Loane, 407 West Second st., Oil City, Pa	15
Mrs. Ellen Loane, 407 West Second st., Oil City, Pa	10
Est. of Charles Lockhart, 541 Wood st., Pittsburg, Pa	94
Mr. James Henry Lockhart, care of Mr. Charles Lockhart, 541 Wood st., Pittsburg, Pa	4,250
Mr. John Marshall Lockhart, care of Mr. Charles Lockhart, 541 Wood st., Pittsburg, Pa	4,250
Mrs. Amelia B. Lockwood, "The Ansonia," B'way & 73rd st., N. Y. City	25
Est. of D. N. Lockwood, 1004 D. S. Morgan Bldg., Buffalo, N. Y	132
Estate of F. W. Lockwood, care of Frederic J. Middlebrook, 31 Nassau st., N. Y. City	250
Mrs. Fanny Lockwood, Greenwich, Conn	1
Mr. Henry S. Lockwood, Cos Cob, Conn	25
Mr. Homer N. Lockwood, Hotel Winthrop, 2090 7th ave., N. Y. City	50
Mrs. Isabelle S. Lockwood, Schodack Center, New York	20
Mrs. Katherine H. Lockwood, 441 Park ave., New York City	15
Mrs. Mary A. Lockwood, pouch 94, Greenwich, Conn	15

	Shares.
Mr. Stephen O. Lockwood, 46 Wall st., New York City	100
Mr. William F. H. Lockwood, Greenwich, Conn	210
Mrs. Emma L. Loder, 36 Walnut st., East Orange, N. J	25
Mr. Francis G. Lodge, 5 Anthony pl., Troy, N. Y	5
Mr. H. Ellerton Lodge, Swampscott, Mass	5
Mr. Leo Loeb, 798 Drexel Bldg., Philadelphia, Pa	10
Mr. Louis Lombard, Chateau de Trevano, Lugano, Switzerland	200
Mr. George Lomnitz, care of Citizens Sav. & Trust Co., Cleveland, Ohio	434
Mrs. Carrie Long, 2019 West Monroe st., Chicago, Ill	1
Mr. Maurice A. Longley, North Brookfield, Mass	12
Mrs. Mertie M. W. Longman, 4903 Lake ave., Chicago, Ill	1
Mr. A. G. Loomis, care of Union Trust Co., Providence, R. I	30
Miss Adelaide W. Loomis, 5822 Von Versen ave., St. Louis, Mo	20
Mr. C. M. Loomis, Oil City, Pa	51
Mr. DeWitt Loomis, Trustee, 89 Fort st. East, Detroit. Mich	25
Mrs. Sarah E. Loomis, 5822 Von Versen ave., St. Louis, Mo	30
Mr. Arthur P. Lord, care of Mr. W. E. Dwight, 62 Cedar st., N. Y. City	10
Mrs. Juliet Lord, 167 West 12th st., New York City	13
Mrs. Sarah E. Loring, 13 Bay State road, Boston, Mass	1
Mr. A. L. Lothridge, 38 Bentley ave., Jersey City, N. J	100
Mrs. Mabelle C. Lothrop, 10 High st., Boston, Mass	1
Mr. Harry F. Louchheim, 20 Broad st., N. Y. City	1
Mrs. Rebecca Louchheim, 516 Drexel Bldg., Philadelphia, Pa	1
Mrs. Sarah L. Lovett, gdn., 336 Clinton ave., Brooklyn, N. Y	16
Mrs. Louisa Low, Stamford, Conn	10
Mrs. Nannie A. Low, 193 Adams st., Chicago, Ill	20
Mrs. Rachel Lowentritt, care of A. M. Lowentritt, Enterprise Milling Co., Oil City, Pa	5
Rachel Lowentritt, guardian	100
Mrs. Josephine Lowerre, 128 Prospect pl., Brooklyn, N. Y	2
Mrs. Sarah J. Lowrey, 471 Clinton ave., Brooklyn, N. Y	30
Mrs. Agnes Daniel Lucas, care of Capt. E. W. VanC. Lucas, P. O. B. 106, Wilmington, N. C	100
Miss Anita M. Ludlam, 294 Washington ave., Brooklyn, N. Y	46
Mr. Malcolm C. Ludlam, 294 Washington ave., Brooklyn, N. Y	43
Mrs. Sara M. Ludlam, 294 Washington ave., Brooklyn, N. Y	69
Mrs. Genevieve Sprigg Ludlow, care of Mr. C. A. Griscom, jr., 5 Nassau st., N. Y. City	4
Mrs. Mary McLean Ludlow, care of Am. Sec. & Tr. Co., 1405 G st. NW., Washington, D. C	25
Mr. Nicoll Ludlow, care of U. S. Naval Home, Philadelphia, Pa	28
Mrs. Elizabeth M. Lucke, 708 Willson ave., Cleveland, Ohio	10
Mr. Gustave W. Luetkeymeyer, 190 Superior st., Cleveland, Ohio	50
Mrs. Fannie G. Lugar, care of Mr. John R. Livermore, 21 State st., N. Y. City	5
Mrs. Alice E. Lum, 801 Prudential Bldg., Newark, N. J	5
Mr. Chas. M. Lum, Prudential Bldg., Newark, N. J	5
Mrs. Anne Pierrepont Luquer, 321 West 80th st., N. Y. City	5
Mr. J. Earll Lusk, 27 Park pl., N. Y. City	10
Miss Grace E. Lynes, 158 West 75th st., N. Y. City	17
Mrs. Lucy W. Lynes, Danbury, Conn	16
Mrs. Elizabeth M. Lyon, 92 St. James pl., Brooklyn, N. Y	5
Mrs. Mary Lane Lyon, 70 St. James pl., Brooklyn, N. Y	8
Mr. Samuel B. Lyon, White Plains, N. Y	5

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Mrs. Isabella S. McAllaster, 5 Triangle Building, Rochester, N. Y	5
Mrs. Blanche B. McAlpin, 55 West 33rd st., "The Alpine," N. Y. City	50
Mr. Charles W. McAlpin, 55 West 33rd st., N. Y. City	25
Est. of D. H. McAlpin, 55 West 33rd st., N. Y. City	1,400
Mrs. M. Louise McAlpin, 170 West 59th st., N. Y. City	120
Mrs. Margaret J. McAlpin, care of Harmon, Colston & Co., 111 E. 4th st., Cincinnati, O	15
Mrs. Sara P. McAlpin, 55 West 33rd st., N. Y. City	50
Mr. Charles S. McAlpine, care of Mess. Muller, Schall & Co., 44 Wall st., N. Y. City	1

	Shares
Mr. John McAteer, 216 East Walnut st., Louisville, Ky	8
Mr. Dugald McAuslan, care of Standard Oil Co., Providence, R. I	5
Mrs. Mary C. McCabe, 116 Hancock st., Brooklyn, N. Y	30
Mr. Robert McCalmont, Franklin, Pa	2
Mr. Chas. L. McCann, Poughkeepsie, N. Y	1
Mr. James J. McCann, Poughkeepsie, N. Y	2
Mr. John F. McCann, North st., Poughkeepsie, N. Y	32
Mr. John J. McCann, Poughkeepsie, N. Y	18
Miss Mary McCann, 347 Mill st., Poughkeepsie, N. Y	1
Mrs. Ellen S. McCargo, care of Mr. Grant McCargo, care of Pa. Lub. Co., Pittsburg, Pa	25
Mr. Grant McCargo, care of Penna. Lubricating Co., Pittsburg, Pa	50
Mrs. Agnes McCartney, Box 173, Monroe, N. Y	50
Mr. Chas. W. McCarty, jr., 132 West 27th st., N. Y. City	1
Mr. Thomas A. McCaslin, 1416 Williamson Bldg., Cleveland, Ohio	20
Mrs. Lizzie C. McCleary, 640 North 57th st., W. Philadelphia, Pa	5
Mr. Clarence S. McClellan, care of People's Bank, Mt. Vernon, N. Y	25
Mrs. Pauline D. McClellan, East Deerfield, Mass	8
Mrs. Martha McCombs, care of Citizens' Savings & Trust Co., Cleveland, Ohio	29
Elizabeth Stevens McCord, 22 Pierrepont st., Brooklyn, N. Y	20
Miss Matilda Secor McCord, 22 Pierrepont st., Brooklyn, N. Y	15
Mrs. Carrie L. MacCorkle, Charleston, W. Va	8
Miss Ella McCormack, 33 Conselyea st., Brooklyn, N. Y	10
Mr. Hubert McCormack, 33 Conselyea st., Brooklyn, N. Y	10
Mr. John McCormack, 33 Conselyea st., Brooklyn, N. Y	10
Miss Lizzie McCormack, 33 Conselyea st., Brooklyn, N. Y	10
Mrs. Edith R. McCormick, 88 Bellevue pl., Chicago, Ill	620
Mr. Harold F. McCormick, 108 LaSalle st., Chicago, Ill	20
Mrs. Ann M. McCoy, 121 West 122nd st., N. Y. City	2
Mr. Leslie M. McCrum, care of Farmers' Loan & Trust Co., 16 William st., N. Y. City	5
Mrs. Alice Rebecca McCulloch, 1116 So. Boots st., Marion, Ind	5
Mr. J. L. McCulloch, Marion, Ind	5
Mr. John G. McCullough, 11 Broadway, New York City	500
Mrs. Louisa M. McCullough, care of H. B. Robinson, Oil City, Pa	1
Mrs. Janet Walker McCune, Fifth & College aves., Pittsburg, Pa	4,250
Mrs. Mary H. McCune, 5425 Fifth ave., Pittsburg, Pa	20
Mr. Daniel C. Tate, care of Mr. Delos McCurdy, Trustee, 66 Broadway, N. Y. City	55
Mr. Alexander McDonald, Box 272, Covington, Ky	3,374
James McDonald & Wm. Parish Robertson, care of Anglo-Am. Oil Co., London, E. C., Eng	50
Mrs. Jas. H. MacDonald, 762 Winthrope ave., Chicago, Ill	1
Mr. John C. McDonald, 209 Wesley ave., Oak Park, Ill	5
Mrs. Joseph McDonald, care of Mess. Munroe & Co., 7 rue Scribe, Paris, France	10
Mrs. Maria P. McDonald, 301 Harkness ave., Cleveland, Ohio	80
Miss Mary E. McDonald, 25 City sq., Charlestown, Mass	4
Mr. Thomas J. McDonald, 25 Fletcher st., Lowell, Mass	5
Mr. Peter McDonnell, 2 Battery pl., New York City	25
Mrs. Frances M. McDowell, 1187 Lexington ave., N. Y. City	5
Mr. J. C. McDowell, care of Philadelphia Co., Pittsburg, Pa	35
Mr. Frank W. McElroy, P. O. box 109, Pittsburg, Pa	500
Mr. Wm. H. McElroy, 180 West 88th st., N. Y. City	16
Mr. William McEwan, 26 Clinton ave., Albany, N. Y	50
Mr. Edwin McFarland, care of Mess. Mathew Addy & Co., Cincinnati, Ohio	10
Mr. John S. McFarland, care of Fidelity Trust Co., Buffalo, N. Y	100
Mrs. Josephine E. L. McGay, 61 East 65th st., N. Y. City	15
Mr. John A. McGean, 100 William st., N. Y. City	150
Mr. Clifford W. McGee, room 200, Building	5
Mr. Henry A. McGee, room 902, Building	50
Mr. Walter M. McGee, room 700, Building	41
Mrs. Amelia L. McGinnis, Park Ave. Hotel, New York City	10
Mrs. Emily R. McGregor, 1050 Broad st., Newark, N. J	1
Union Trust Co. of N. Y., Tr. for Tootie B. McGregor, 80 Broadway, N. Y. City	125

	Shares.
U. S. Trust Co., N. Y., trustee for Tootie B. McGregor, 45 Wall st., N. Y. City	125
Est. of Mary A. D. MacGrotty, 810 East 173rd st., N. Y. City	1
Mr. J. A. McGuire, St. Augustine, Fla	105
Miss Minnie McGuire, care of B. McGuire, Berryville, Clark Co., Va	2
Mrs. Sarah McGuire, care of Cleveland Trust Co., St. Clair st., Cleveland, O	45
Mrs. Lizzie S. McGunnegle, Meadville, Pa	3
Mrs. Frances P. McIlhenny, 1339 Cherry st., Philadelphia, Pa	3
Metropolitan Trust Co., Tr'ee under will George McIlveen, 49 Wall st., N. Y. City	36
Mr. Duncan McIntosh, Franklin, Pa	100
Mrs. Ethel F. McIntosh, care of Mr. P. J. McIntosh, room 1300, Building	30
Mr. P. J. McIntosh, room 1300, Building	5
Mrs. Anna K. McIntyre, care of Mr. J. R. Knox, 49 Wall st., N. Y. City	2
Miss Anna MacKay, St. Augustine, Fla	22
Mr. George P. McKay, Clifton Park, Lakewood, Ohio	20
Mr. John McKay, jr., room 604, Building	1,000
Mrs. Mary A. McKay, Clifton Park, Lakewood, Ohio	30
Mr. Wm. M. McKelvey, 205 German Nat. Bank bldg., 313 6th ave., Pittsburg, Pa	1,200
Mrs. Stella F. McKenzie, 891 Massachusetts ave., Cambridge, Mass	6
Miss Eliza Mackerlie, 49 East 73d st., New York City	5

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Mrs. Agnes E. McKinney, Titusville, Pa	900
Mr. Glenn Ford McKinney, 52 William st., New York City	300
Ida Ethelyn McKinney, Titusville, Pa	325
Mr. J. C. McKinney, Titusville, Pa	100
Mr. John L. McKinney, Titusville, Pa	300
Mrs. Marion L. R. McKinney, 391 State st., Albany, N. Y	18
Mr. Robert John McKinney, 9th Church st., Marcus Hook, Del. Co., Pa	1
Mr. George W. McKnight, room 702, Building	5
Mrs. Adelaide L. McLane, 51 West 38th st., New York City	2
Mrs. Alys Schroeder McLane, care of Mr. Henry R. McLane, Millbrook, N. Y	90
Mr. Guy R. McLane, care of Mr. Wm. G. Rockefeller, room 1300, Building	1,000
Mr. Henry R. McLane, Millbrook, N. Y	355
Mr. James W. McLane, 51 West 38th st., N. Y. City	3
Mr. T. A. McLaughlin, Lima, Ohio	6
Mrs. Emily Beale McLean, care of Am. Security & Trust Co., Washington, D. C	60
Mrs. Kathryn P. McLean, care Mr. H. B. McLean, 4 Irving pl., N. Y. City	10
Mr. Robert McLean, 120 Liberty st., N. Y. City	2
Mrs. Frances C. McLellan, Tenafly, N. J	3
Mess. Norman MacLeod & Co., 5th & Chestnut sts., Philadelphia, Pa	5
Mrs. Elsie Reeder McLoud, 30 Billings ave., Cleveland, Ohio	17
Mrs. Julia A. McMillan, 148 Schermerhorn st., Brooklyn, N. Y	20
Mrs. Mary J. McMillan, 1876 East 71st st., N. E., Cleveland, Ohio	35
Mr. William D. McMillan, care of Standard Oil Co., Boston, Mass	5
Mrs. Katherine R. MacMullen, 658 Maryland ave., Pittsubrg, Pa	5
Miss Mary M. McNall, Greenwich, Conn	5
Mr. Robert H. McNall, room 608, Building	15
Miss Mary E. McNamara, care of Mrs. C. V. Knapp, 16 College ave., Rochester, N. Y	39
Mess. John H. McQuillen & Co., 104 South 4th st., Philadelphia, Pa	5
Mr. Robert McVicar, Franklin, Pa	2
Mrs. Carrie H. Maas, care of Mr. G. Maas, 26 Broad st., N. Y. City	2
Mr. Gustavus Maas, 26 Broad st., N. Y. City	3
Mr. Andrew Ellicott Maccoun, Braddock, Pa	3
Mrs. Minne A. Macdougall, care of Hon. Wm. Macdougall, Ottawa, Canada	25
Mr. J. G. Macgowan, 25 Boulevard Haussmann, * Paris, France	200
Mrs. Jenny Stuart Macgowan, 25 Boule. Haussmann, care of Mr. J. G. Macgowan, Paris, France	70

	Shares.
Mrs. Eleanor S. Mack, 562 Atlantic ave., Boston, Mass	1
Miss Annie Mackay, St. Augustine, Fla	18
Mrs. Helen L. Mackay, 20 East 66th st., N. Y. City	10
Mr. Richard T. Mackay, 6 Wall st., N. Y. City	1
Mess. Mackay & Co., Nassau & Pine sts., N. Y. City	52
Mrs. Annie Mackelvey, 40 East 19th st., N. Y. City	3
Est. of Catherine J. Mackey, care of Mr. Wm. M. Peckham, Troy, N. Y	3
Mr. Charles E. Mackintosh, Holyoke, Mass	5
Mr. Frank H. Mackintosh, 176 Broadway, N. Y. City	2
Mr. Wm. H. Maclay, 56 West 33rd st., The Martinique, N. Y. City	10
Mrs. Georgie Y. Maclennan, 2708 Euclid ave., Cleveland, Ohio	90
Mr. Edwin Allan Macpherson, care of H. S. Norris, Coal & Iron Exchange, Buffalo, N. Y	55
Mrs. Edith Carpenter Macy, care of Mr. W. H. Macy, jr., 68 Broad st., N. Y. City	53
Estate of Josiah Macy, jr., 68 broad st., N. Y. City	4,900
Mr. V. Everit Macy, 68 Broad st., N. Y. City	7,300
Mr. Wm. H. Macy, jr., 68 Broad st., N. Y. City	909
Mr. John H. Madden, 2190 East 83rd st., Cleveland, Ohio	32
Est. of Mrs. M. A. Madden, care of Oil City Fuel Supply Co., Sharon, Pa	15
Mrs. Mary L. Madden, 2190 East 83rd st., Cleveland, Ohio	33
Mrs. Emeline Maddock, care of John H. McQuillan & Co., 104 S. 4th st., Phila., Pa	116
Mr. Sidney Maddock, 158 So. Oxford st., Brooklyn, N. Y	7
Est. of James H. Madison, care of Mfrs. & Traders' Bank, Buffalo, N. Y	50
Sarah H. & Amy Louise Magill, 376 Elm ave., Montreal, Can	10
Mr. Geo. C. Maguire, 94 South 10th st., Newark, N. J	5
Mr. W. S. Ballou, trustee for Susan F. Maher, P. O. Box 80, Providence, R. I	6
Mr. George Mahl, 1140 Main st., Hartford, Conn	1
Mr. George J. Mahr, 88 Wilson st., Brooklyn, N. Y	2
Miss Louise C. Mahr, 88 Wilson st., Brooklyn, N. Y	5
Mr. R. Mahr, jr., 88 Wilson st., Brooklyn, N. Y	2
Mrs. Eva H. Main, 84th st. and 2nd ave., Brooklyn, N. Y	2
Mr. Marcel Malafosse, care of Mess. John Munroe & Co., 32 Nassau st., N. Y. City	6
Hon. George R. Malby, Ogdensburg, N. Y	50
Mrs. Eliza S. Malcolm, 63 New England ave., Summit, N. J	50
Miss Frances L. Male, care of L. I. Loan & Trust Co., Temple Bar, Brooklyn, N. Y	25
Mr. Francis Sherwood Male, 458 Driggs ave., Brooklyn, N. Y	25
Mr. Charles A. Mallory, Gaylordsville, Conn	10
Est. of F. J. Mallory, 170 Cornellson ave., Jersey City, N. J	10
Mr. Henry R. Mallory, 129 Front st., N. Y. City	25
Mr. Robert Mallory, 129 Front st., N. Y. City	25
Miss Helen Maloney, care of Martin Maloney, 1504 Land Title Bldg., Phila, Pa	20
Mr. Martin Maloney, Land Title Bldg., Philadelphia, Pa	5
Mrs. Emily D. Mandeville, 982 Broad st., Newark, N. J	3
Mr. Elwood P. Mandigo, room 200, building	5
Mrs. Amanda B. Manee, 1897 Madison ave., N. Y. City	21
Mr. E. S. Manee, 1897 Madison ave., N. Y. City	20
Mr. Wm. C. F. Mangels, 530 Hudson st., Hoboken, N. J	20
Mr. Henry S. Mann, 89 State st., Boston Mass	3
Est. of Kate C. Mann, care of Mr. Waldo J. Morse, 83-85 Worth st., N. Y. City	9

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Mr. Wm. N. Mann, 29 Broadway, New York City	5
Mrs. Florence Van A. Manning, 115 West 91st st., New York City	50
Mr. H. J. Manning, care of Cleveland Trust Co., Cleveland, Ohio	60
Mr. James H. Manning, 409 State st., Albany, N. Y	25
Dr. John F. Manning, Everett, Wash	10
Mrs. M. Margaretta Manning, care of Natl. Commercial Bank, Albany N. Y	35

	Shares.
Miss Mary Mansfield, box 43, Kittery Point, Me	1
Mr. C. R. Manville, Carbondale, Pa	100
Mrs. Helen M. Manville, Carbondale, Pa	5
Mrs. May B. Manville, Carbondale, Pa	10
Mr. Albert Maquinay, care of American Petroleum Co., Antwerp, Belgium	100
Mrs. Gertrude G. Marakle, 136 West 15th st., "The Irvington," N. Y. City	30
Est. of John Marbury, jr., 3307 U st., NW., Washington, D. C	3
Mr. William Marbury, 3100 U st., NW., Washington, D. C	2
Mrs. Margaretta Marker, 250 West 44th st., N. Y. City	15
Mr. J. E. Marks, 116 East 14th st., N. Y. City	30
Mrs Jane A. Marlor, 690 Madison st., Brooklyn, N. Y	3
Mrs. Anna E. Marr, care of The Everlyne, suite 5, Ingleside ave., Cleveland, Ohio	25
Mrs. Kathryn W. S. Marsh, Rosebank, N. Y	1
Mary A. Marsh & Geo. T. Marsh, 94 Second ave., Troy, N. Y	20
Mrs. Ann E. Marshall, 22 Bellevue pl., Chicago, Ill	150
Mr. Chauncey Marshall, care of Marshall Paper Co., 41 Park Row, N. Y. City	200
Mrs. Fanny C. Marshall, care of Marine Natl. Bank, Erie, Pa	4
Mrs. Mae Louise Marshall, 4432 Drexel boulevard, Chicago, Ill	12
Mr. Frank H. Marston, 21 Water st., Brooklyn, N. Y	10
Mrs. Jane E. Marston, 21 Water st., Brooklyn, N. Y	5
Mrs. Jennie C. H. Marston, 23 East 57th st., N. Y. City	10
Mme. Marguerite Martha, care of John Munroe & Co., 30 Pine st., N. Y. City	8
Miss A. W. Martin, 12 East 31st st., N. Y. City	10
Mr. E. B. Martin, 1721 Second st., Louisville, Ky	4
Mrs. Elizabeth M. Martin, care of Mr. Henry C. Martin, 22 Thomas st., N. Y. City	25
Mrs. Florence C. Martin, care of Mess. Brokaw Bros., Brokaw Bldg., N. Y. City	804
Mr. Frank B. Martin, care of Mackay & Co., 26 Nassau st., N. Y. City	20
Mr. Fred. Townsend Martin, care of Metropolitan Trust Co., 37 Wall st., N. Y. City	300
Est. of James E. Martin, care of U. S. Trust Co., P. O. box 659, N. Y. City	300
U. S. Trust Co. of N. Y., exr. of James E. Martin, 45 Wall st., N. Y. City	64
Mr. James M. C. Martin, Prospect st., E. Orange, N J	10
Mrs. Mary D. Martin, 132 Commonwealth ave., Boston, Mass	2
Mr. Peter H. Martin, 809 Dayton st., Cincinnati, Ohio	6
Mrs. Sarah M. Martin, 55 Prospect st., East Orange, N. J	10
Mrs. Mary E. Marvin, 32 Brooklyn st., Port Jervis, N. Y	5
Mr. Abbie R. Mason, Undercliff, N. J	2
Mrs. Annie L. Mason, 386 Vanderbilt ave., Brooklyn, N. Y	4
Mr. Arthur P. Mason, 79 Spring st., N. Y. City	75
Mr. Henry Edgar Mason, 79 Spring st., N. Y. City	75
Mrs. Martha Frew Mason, care of Mr. J. M. Lockhart, 541 Wood st., Pittsburg, Pa	4,250
Mrs. Mary A. Mason, Great Barrington, Mass	58
Mr. Thomas A. Mason, Concord, Mass	10
Mr. Wm. P. Mason, 142 Duane st., N. Y. City	4
Mrs. Mary C. Massey, 5 Lowther ave., Toronto, Canada	2
Mr. A. E. Masten, 323 Fourth ave., Pittsburg, Pa	20
Mrs. Emma A. C. Mather, care of C. E. Mather, York st. & McLean ave., Cincinnati, Ohio	35
Mrs. Katharine A. Mather, 372 Cadillac ave., Detroit, Mich	10
Mr. Wm. J. Matheson, 182 Front st., N. Y. City	150
Mr. Charles T. Mathews, 30 West 57th st., N. Y. City	25
Mrs. K. L. P. Mathews, 2025 Broadway, N. Y. City	25
Mrs. Rebecca T. Mathews, care of Mr. W. M. Martin, 50–52 Pine st., N. Y. City	120
Mr. H. O. Matile, Newark Valley, Tioga, Co., N. Y	1
*Estate of Henry Matthaeus, care of Mrs. Emma B. Matthaeus, 18 South 7th ave., Mt. Vernon, N. Y	2
Mrs. Mary K. Matthews is to be addressed as Mrs. Stanley Matthews (Mrs. Stanley Matthews, 1707 I st., Washington, D. C.)	150

	Shares.
Mr. C. S. Maurice, Athens, Pa	50
Mr. Lascelles C. Maxwell, 14 Maiden lane, N. Y. City	7
Lydia Clothier Maxwell, care of Mr. J. R. Maxwell, jr., 30 Broad st., N. Y. City	1
Mrs. M. E. Maxwell, care of Mess. C. G. Miller & Co., 14 Maiden lane, N. Y. City	75
Mrs. Marie R. Maxwell, care of Mess. Maxwell & Scoville, 3 Broad st., N. Y. City	110
Mr. Charles May, 380 South st., N. Y. City	2
Mrs. David May, 61 East 73d st., N. Y. City	2
Miss Julia May, Lee, Mass	4
Mrs. Julia R. May, Hancock, Delaware Co., N. Y	2
Mr. Charles Mayer, 568 Broadway, New York City	5
Mrs. Christina Mayer, 934 Garden st., Hoboken, N. J	10
Mr. Max W. Mayer, 568 Broadway, N. Y. City	10
Mr. Moses Mayer, 218 South Sixth st., Burlington, Iowa	4
Rose M. Charlotte Maynadie, Azille, Aude, France	2
Mrs. Lizzie Crouse Maynard, care of Mr. C. M. Crouse, Syracuse, N. Y	100
Mrs. Julia B. Mayo, 151 Maple st., Springfield, Mass	1
Mr. Abram V. Mead, Greenwich, Conn	3
Miss Ada B. Mead, Greenwich, Conn	10
Miss Anna H. Mead, Greenwich, Conn	22
Mrs. Anna R. Mead, Greenwich, Conn	8
Mr. Augustus Mead, 523 Post road, East, Greenwich, Conn	7
Mr. Augustus I. Mead, Greenwich, Conn	60
Miss Catharine M. Mead, 523 Post road, East, Greenwich, Conn	5
Mr. Clarkson S. Mead, Portchester, N. Y	35
Mr. Cornelius Mead, Greenwich, Conn	25
Mr. E. Belcher Mead, room 103, Building	100
Mrs. Eleanor G. Mead, Uniontown, Fayette Co., Pa	18
Mr. Ephriam Mead, Stanwich, Conn	15
Mrs. Esther W. Mead, Greenwich, Conn	1
Miss Frances J. Mead, 39 East 29th st., N. Y. City	10
Mrs. George A. Mead, 295 31st st., Chicago, Ill	1
Miss Libbie H. Mead, Greenwich, Conn	10
Mrs. Mary E. Mead, 384 Field Point st., Greenwich, Conn	5
Mr. Nelson B. Mead, Greenwich, Conn	50
Mr. T. Merritt Mead, Greenwich, Conn	10
Mr. Robert Mecke, care of Thos. Emery & Sons, Mercantile Library Bldg., Cin'ti, Ohio	2

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Mrs. Adelaide M. Megeath, Franklin, Pa	65
Mr. E. G. Megrue, 167 West 92d st., N. Y. City	10
Mr. J. R. Megrue, 158 West 92d st., N. Y. City	300
Mrs. Minnie Megrue, 158 West 92d st., N. Y. City	2
Mrs. Elizabeth M. Mendes, 206 Hancock st., Brooklyn, N. Y	100
Mrs. Elizabeth S. Mendsen, 1200 Main st., Buffalo, N. Y	24
Mrs. Alice I. Mendum, 848 Beacon st., Boston, Mass	3
Mr. George Mercer, jr., 34 Nassau st., room 622, N. Y. City	50
Mrs. Helen B. Mercer, 34 Nassau st., room 622, N. Y. City	23
Mr. Alfred W. Merian, care of Mess. Kessler & Co., 54 Wall st., N. Y. City	5
Mr. Wm. A. Merrick, care of J. P. Morgan & Co., 23 Wall st., N. Y. City	120
Mrs. Abbie A. Merrill, 316 Clinton ave., Brooklyn, N. Y	80
Mr. C. H. Merrill, Shelburne Falls, Mass	10
Mrs. Edith J. Merrill, 316 Clinton ave., Brooklyn, N. Y	60
Mrs. Emily S. Merrill, 316 Clinton ave., Brooklyn, N. Y	60
Mr. Louis C. Merrill, Concord, N. H	5
Mrs. Mary B. Merrill, care of W. B. D. Gay, care of Kidder, Peabody & Co., Boston, Mass	5
Mr. Asa Merritt, Hartland, Vermont	5
Mr. Edward Merritt, Temple Bar Bldg., Brooklyn, N. Y	1
Mrs. Elizabeth B. Merritt, 343 Marlborough st., Boston, Mass	2
Mrs. Amy B. Merz, 255 West 122d st., New York City	2

	Shares.
Mrs. Emma L. Meservey, LeRaysville, Bradford Co., Pa	10
Mr. H. D. Messick, Citizens Bldg., Cleveland, Ohio	92
Mrs. Caroline F. Messinger, Wrentham, Mass	15
Mr. George R. Metcalf, Erie, Pa	82
Mrs. Laura Sandford Metcalf, care of Mr. Fred L. Metcalf, 108 Fulton st., N. Y. City	35
Metropolitan Trust Co. of the City of New York, 37 Wall st., N. Y. City	100
Miss Francesca J. Meyer, care of Title Guarantee & Tr. Co., 198 Montague st., B'klyn, N. Y	9
Mr. Henry Von L. Meyer, 132 Nassau st., New York City	1
Myra C. Meyer, care of Erie Co. Savings Bank, Buffalo, N. Y	25
Mr. Ernst Michaelsen, care of Vacuum Oil Co., Skoubogade, Copenhagen, Denmark	10
Mrs. Kate K. Middleton, 416 Marlborough st., Boston, Mass	5
Mrs. A. F. Miller, Franklin, Pa	15
Mr. Albert D. Miller, Bedford, N. Y	1
Mr. Charles H. Miller, Avon, Conn	6
Mrs. Clara L. Miller, care of Mr. Wm. R. Syme, 76 William st., N. Y. City	255
Mrs. Eliza P. Miller, Haverford College, Montgomery Co., Pa	68
Mrs. Eliza S. Miller, Avon, Conn	2
Mr. Emory F. Miller, Avon, Conn	7
Mr. George E. Miller, Suncook, N. H	1
Miss Grace M. Miller, 352 Lafayette ave., Clifton, Cincinnati, Ohio	5
Mr. H. C. Miller, 991 E. Madison ave., Cleveland, Ohio	52
Mrs. Isabella Miller, 573 Leonard st., Brooklyn, N. Y	5
Mr. John H. Miller, 958 Marion ave., Avondale, Cincinnati, Ohio	50
Miss Mary L. Miller, 226 North Main st., Butler, Pa	3
Mrs. Minnie C. Miller, Bedford, Westchester Co., N. Y	3
Mr. F. Peyton T. Miller, Hudson, N. Y	20
Mr. R. T. Miller, jr., care of Garfield Nat. Bank, New York City	52
Mr. Robert T. Miller, 503 & 504 Johnston Bldg., Cincinnati, Ohio	50
Mr. William V. Miller, Oil City, Pa	30
Mess. Miller & Co., 29 Broadway, N. Y. City	2
Thalia Westcott Millett, Irvington-on-Hudson, New York	20
Mess. Millett, Roe & Hagen, 3 Broad st., N. Y. City	100
Mrs. Alice P. Milliken, care of Mr. H. A. Plummer, 135 Broadway, N. Y. City	5
Mrs. Mary A. Milliken, care of Mr. Geo. F. Noyes, 98 Exchange st., Portland, Me	3
Mr. S. M. Milliken, 79 Leonard st., N. Y. City	12
Mr. Chas. F. Mills, care of Standard Oil Co., South Norwalk, Conn	2
Mr. D. O. Mills, 15 Broad st., New York City	721
Mrs. Mary S. Mills, Fairfield, Conn	120
Mrs. Prudence A. Millspaugh, care of Mrs. L. D. Wharton, 304 Ocean ave., Bradley Beach, N. J	6
Mrs. Lenore B. Milne, Washington ave., 10th to 11th st., Philadelphia, Pa	17
Miss Flora Milton, 123 Auhust st., Winchester, Va	7
Miss Susan Minns, 14 Louisburg square, Boston, Mass	10
Mrs. Alice C. Minor, 512 West 4th st., Cincinnati, Ohio	2
Mrs. Cornelia O. Minton, care of Mr. F. L. Minton, 290 Broadway, N. Y. City	5
Mrs. Louisa Minturn, care of Mr. F. de P. Foster, 18 Wall st., N. Y. City	10
Mrs. Annie O. Mitchell, New London, Conn	50
Rev. Charles L. Mitchell, 4 Summit ave., Winchester, Mass	10
Mr. David M. Mitchell, South Britain, Conn	10
Miss Emily B. Mitchell, 405 Franklin ave., Brooklyn, N. Y	5
Mr. Grove P. Mitchell, P. O. Box 271, Peekskill, N. Y	40
Miss Jeanie Mitchell, 104 So. Second ave., Mt. Vernon, N. Y	6
Mrs. Katheryne S. Mitchell, care of J. R. Parrott, Jacksonville, Fla	11
Lillian Talmage Mitchell, care of The Brooklyn Trust Co., Montague st., Brooklyn, N. Y	25
Mrs. Mary L. Mitchell, Winona, Minn	13
Mr. Walter J. Mitchell, Miller Bldg., 3rd & Walnut sts., Cincinnati, Ohio	200
Mrs. Lucy S. Mix, Cranford, N. J	5
Mr. Robert J. Mix, Cranford, N. J	5

	Shares.
Mr. George N. Moale, Owings Mills, Baltimore Co., Md	30
Mr. Charles S. Moch, Elm & McFarland sts., Cincinnati, Ohio	12
Mr. Elias Moch, care of Moch, Berman & Co., Elm & McFarland sts., Cincinnati, Ohio	2
Mr. M. E. Moch, Elm & McFarland sts., Cincinnati, Ohio	3
Mrs. Rosa L. Moch, 3704 Reading road, Avondale, Cincinnati, O	6
Mrs. Lizzie D. Moffat, 181 Keap st., Brooklyn, N. Y	100
Mr. James A. Moffett, room 909, Building	550
Mr. Wm. F. Moffet, care of Fifth Ave. Bank, Sta. G, N. Y. City	10
Mr. George W. Moffitt, room 604, Building	440
Mr. Thomas Moffitt, care of Mess. Jesup & Lamont, room 604, Building	3,000
Mrs. Amelia Mohr, room 1306, Building	5
Mrs. Emma Mohr, 1046 Clay ave., Bronx Borough, City	2
Mr. Fred Mohr, jr., room 1306, Building	10
Mr. George F. Mohr, 1046 Clay ave., Bronx Borough, City	1
Mr. Walter R. Mohr, room 1306, Building	4
Frau Jennie M. Mohs, Karleruher str., 29, Halensee, Berlin, Germany	4

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Mrs. Lucile I. Molitor, care of H. A. Bonzano, University Club, Philadelphia, Pa	5
Mr. T. E. Moller, 72 Broadway, Brooklyn, N. Y	10
Mrs. Catharine Molony, 156 Jennings ave., Cleveland, Ohio	25
Miss Louise Montagnier, 633 Forest ave., Avondale, Cincinnati, Ohio	8
Mrs. Elsie M. Montgomery, box 371, New Haven, Conn	50
Mrs. Emma K. Moody, Titusville, Pa	20
Est. of Josephine C. Monney, 5310 Pembroke pl., E. End, Pittsburg, Pa	10
Miss Teresa E. Mooney, 434 S. Rebecca st., E. End, Pittsburgh, Pa	5
Mrs. Agnes H. Moore, 285 Central Park West, "St. Urban," N. Y. City	6
Mr. Arthur G. Moore, 137 Powers Bldg., Rochester, N. Y	26
Mr. B. Moore, jr., Astoria, L. I	20
Mr. Barrington Moore, care of James N. Wells Sons, 191 Ninth ave., N. Y. City	4
Mr. Benjamin Moore, care of James N. Wells Sons, 191 Ninth ave., N. Y. City	2
Mrs. Corinne de B. Moore, 165 West 57th st., N. Y. City	305
Mrs. Cornelia S. Moore, 14 Fernwood st., East Cleveland, Ohio	33
Mrs. Eliza Moore, 57 High st., Geneva, N. Y	24
Miss Eliza V. P. Moore, 833 Madison ave., N. Y. City	5
Mr. George G. Moore, 833 Madison ave., N. Y. City	20
Mr. J. H. Moore, 115 Broadway, N. Y. City	30
Mr. James C. Moore, 421 Allen st., Hudson, N. Y	100
Mr. John F. Moore, 1530 Bolton st., Baltimore, Md	1
Mrs. Laura M. Moore, 57 East 54th st., N. Y. City	19
Miss Mary E. Moore, 150 North 18th st., East Orange, N. J	15
Mrs. Sheridan E. Moore, 268 Iroquois ave., Detroit, Mich	4
Mr. Wm. S. Moore, care of James N. Wells Sons, 191 Ninth ave., N. Y. City	2
Mess. E. J. Moore & Co., Bullitt Bldg., Philadelphia, Pa	25
Mess. W. D. Moore & Co., 42 New st., N. Y. City	1
Mess. Moore & Schley, 80 Broadway, New York City	517
Mrs. Anne C. Morck, 205 West 1st st., Oil City, Pa	112
Miss Margaret Moreau, 37 St. Pauls pl., Brooklyn, N. Y	2
Mr. Enrique Morelos, 6 Square du Bois de Bologne, Paris, France	37
Miss Alice E. Morgan, Windsor, Conn	2
Mrs. Angelica L. Morgan, 26 Washington sq., N. Y. City	10
Miss Caroline H. Morgan, 317 Springfield ave., Chestnut Hill, Pa	3
Mr. Charles B. Morgan, 651 West 50th st., N. Y. City	5
Mr. Edward S. Morgan, 1246 North 60th st., W. Philadelphia, Pa	1
Mrs. Eunice H. Morgan, 317 Springfield ave., Chestnut Hill, Pa	4
Mr. George H. Morgan, 6 East 40th st., N. Y. City	50
Mrs. Marian Baird Morgan, 8860 Germantown ave., Chestnut Hill, Phila., Pa	1
Miss Sarah L. Morgan, 317 Springfield ave., Chestnut Hill, Pa	3
Mr. Thomas N. Morgan, Cotton Exchange Bldg., N. Y. City	10

	Shares.
Mr. William F. Morgan, 1717 Moore st., Philadelphia, Pa	8
Mrs. Florence V. Moriarty, 141 West 93rd st., care of Hrs. M. Rionda, N. Y. City	2
Mrs. Anna R. Morison, 13 Central Park West, N. Y. City	5
Mrs. Augusta Moritz, 310 East 120th st., N. Y. City	2
Mr. Herman Moritz, 310 East 120th st., N. Y. City	45
Mr. James S. Morrill, 1 Thomas Circle, Washington, D. C	70
Mr. Fred'k P. Morriss, Frout st., Long Island City, N. Y	1
Miss Helen A. Morriss, 55 South Oxford st., Brooklyn, N. Y	50
Mr. W. S. Morriss, 45 Broadway, N. Y. City	40
Mrs. Caroline F. Morrison, DeHart Place, Elizabeth, N. J	4
Mrs. Genevieve O'Day Morrison, 113 East 57th st., N. Y. City	25
Mr. H. D. Morrison, 29 Broadway, N. Y. City	17
Mrs. Clara M. Morse, 55 East 49th st., New York City	16
Mr. H. F. Morse, 3 West 46th st., N. Y. City	150
Est. of Jay C. Morse, 600 Western Reserve Bldg., care of E. P. Williams, Cleveland, Ohio	300
Mrs. Clara M. Morse, Extx. Est. of Lyman D. Morse, 55 E. 49th st., N. Y. City	80
Mrs. Faith Morton, Dongan Hills, N. Y. City	2
Mr. William Moser, care of Brown Bros. & Co., 59 Wall st., N. Y. City	10
Mr. Henry Mosford, 120 Fifth ave., New York City	5
Mrs. Octavia Adelaide Moss, 543 Madison ave., N. Y. City	25
Mr. John M. Mossman, care of Union Trust Co., 38th st. & Fifth ave., N. Y. City	20
Mr. Augustus W. Mott, care of 5th Ave. Trust Co., 514 5th ave., N. Y. City	3
Mr. James S. Mott, 912 Olive st., Scranton, Pa	11
Mr. Joseph A. Mott, 826 Pine st., Scranton, Pa	2
Mr. Percy S. Mott, care of Mr. James S. Mott, P. O. Box 580, Scranton, Pa	2
Mess. Mottou & Co., Norfolk, Va	15
United States Tr. Co., tr'tee of W. S. Mowry, dec'd, 51 Wall st., N. Y. City	100
Mrs. Bertha D. Muhlhauser, room 2, Allen Bldg., Cincinnati, Ohio	100
Mr. V. S. Mulford, 11 John st., N. Y. City	5
Mess. Muller, Schall & Co., 44 Wall st., N. Y. City	477
Mr. D. M. Munger, Glen Cove, L. I	7
Rev. T. T. Munger, 202 Prospect st., New Haven, Conn	12
Mr. William Munhall, Pittsburg, Pa	250
Mr. Charles Allen Munn, 361 Broadway, N. Y. City	20
Mess. John Munroe & Co., 30 Pine st., N. Y. City	4
Mr. C. L. Murfey, the Natl. Commercial Bank, Cleveland, Ohio	15
Mr. D. T. Murphy, care of Pacific Union Club, San Francisco, Cal	30
Mr. Elijah W. Murphy, 340 State st., Albany, N. Y	10
Mrs. M. F. Murphy, 6400 Drexel rd. Overbrook, Philadelphia, Pa	150
Miss Mary G. Murphy, 40 East 49th st., N. Y. City	34
Mrs. Pauline G. Murphy, 1487 Euclid ave., suite 22, the Rosamond, Cleveland, Ohio	6
Mr. R. H. G. Murphy, 312 Clinton ave., Brooklyn, N. Y	60
Mr. Timothy Murphy, 66 Broad st., Plattsburgh, N. Y	8
Mr. Wm. D. Murphy, 100 Broadway, N. Y. City	64
Mr. George G. Murray, care of Mr. Wm. Murray, 487 5th ave., N. Y. City	55
Mrs. Martha Neilson Murray, New Brunswick, N. J	4
Mr. Peter Murray, care of Mr. W. P. Winsor, New Bedford, Mass	1
Mr. Robert Murray, Clarendon Springs, Vt	30
Mr. William Murray, 487 Fifth ave., N. Y. City	105
Mr. William D. Murray, 58 William st., N. Y. City	2
Mrs. Nellie Murtaugh, 655 College ave., Elmira, N. Y	18

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Dr. John H. Musser, 1927 Chestnut st., Philadelphia, Pa	2
Mr. Reno F. Mussey, Elyria, Ohio	1
Mr. Charles Francis A. Myers, 789 Republic st., Cleveland, Ohio	1
Mr. E. T. D. Myers, jr., Richmond, Va	40

	Shares.
Mrs. Emily W. Myers, care of Harry E. Myers, the Cuyahoga, Cleveland Ohio	150
Mr. Harry E. Myers, the Cuyahoga, Cleveland Ohio	50
Mr. Lilburn T. Myers, Richmond, Va	95
Mr. Charles W. Myrick, Clinton, N. Y	2
Mr. Henry Van Bergen Nash, North New Castle, Lincoln Co., Maine	15
Mr. Elkan Naumburg, 33 Wall st., New York City	50
Mrs. Rowena West Naylor, 1622 Park ave., Baltimore, Md	12
Mrs. Sarah L. Neare, Union Tr. Co. Bldg., care of Mr. G. D. Neare, Cinti., O	10
Mrs. Edna U. Necarsulmer, 36 Park row, N. Y. City	1
Mr. Henry Necarsulmer, 36 Park row, N. Y. City	1
Mrs. Jessie L. Neilson, care of Mr. Wm. Murry, 487 5th ave., N. Y. City	160
Mr. John Neilson, Larchmont, N. Y	10
Mrs. Josephine T. Neilson, Larchmont, N. Y	23
Mr. T. R. Nelles, Simcoe, Ontario	220
Mrs. Charlotte Nelson, 97 Viola st., St. Paul, Minn	6
Miss Laura Nelson, care of Mr. F. G. Jewett, Selkirk, N. Y	13
Mrs. Loita Wheeler Nelson, Mr. T. H. Wheeler, room 100, Building	50
Mr. S. G. Nelson, care of Seaboard Natl. Bank, 18 Broadway, N. Y. City	15
Mr. Walter G. Nelson, 59 Barrow st., N. Y. City	10
Mr. Walter H. Nelson, 490 Degraw st., Brooklyn, N. Y	5
Mr. C. A. Nesbitt, Masonic Temple, Cleveland, Ohio	6
Miss Blanche B. Neukirch, 56 East 65th st., N. Y. City	2
Mrs. Agnes Neustadt, 15 East 69th st., New York City	205
Mrs. Eliese Neustadt, 435 Central Park West, N. Y. City	22
Mr. Maurice W. Neustadt, 15 East 69th st., N. Y. City	1
Mrs. Harriet B. Newberry, 41 Newberry Bldg., Detroit, Mich	10
Mrs. Helen H. Newberry, Detroit, Mich	100
Mr. A. J. Newbury, 116 Broad st., N. Y. City	6
Mr. James G. Newcomb, room 712, Building	250
Mrs. Marie L. Newcomb, care of Mr. James G. Newcomb, room 712, Building	100
Mr. E. R. Newell, U. S. Express Bldg., 2 Rector st., N. Y. City	1
Mr. John E. Newell, 313 Williamson Bldg., Cleveland, Ohio	10
Mrs. Mary Newell, 162 Kennedy st., Bradford, Pa	20
Mrs. Mary S. Newhall, 920 Beacon st., Boston, Mass	1
Mr. Harry M. Newington, 323 West 106th st., N. Y. City	25
Mrs. Margaret B. Newington, 323 West 106th st., N. Y. City	80
The New Jersey Title Guarantee & Trust Co., trustee of Adele's share, under the will of Elisha S. French	22
The New Jersey Title Guarantee & Trust Co., trustee of Katharine's share under the will of Elisha S. French	22
(*N. J. Title Guarantee & Tr. Co., 83 Montgomery st., Jersey City, N. J.)	
The New Jersey Title Guarantee & Trust Co., trustee of widow's share, under will of Elisha S. French	10
Miss Grace Newman, 305 Fulton st., Brooklyn, N. Y	5
Miss Louise M. Newman, 305 Fulton st., Brooklyn, N. Y	5
Mr. Theo. Newman, room 408 Building	5
Mr. Albert L. Newton, 151 Maiden Lane, N. Y. City	44
Mrs. Anna M. Newton, 97 Lancaster st., Albany, N. Y	15
Mr. Chas. E. Newton, 59 Beekman st., N. Y. City	2
Mrs. Elizabeth M. Newton, Fredonia, Chautauqua Co., N. Y	22
Mr. George W. Hubbard. admr. est. Grace Newton, Flint, Mich	10
Mrs. Janette Newton, 111 North Norwood st., Buffalo, N. Y	10
N. Y. Life Ins. & Trust Co., trustee, 52 Wall st., N. Y. City	963
The N. Y. Trust Co., trustee, 26 Broad st., N. Y. City	130
Jennie Hopper Nicholas, Unionville, Lake Co., Ohio	100
Mrs. E. B. Nichols, Mr. C. L. Nichols, room 1002, Building	9
Est. of Ed. A. Nichols, 16 East 35th st., N. Y. City	25
Mrs. Elizabeth F. Nichols, 74 Cortlandt st., N. Y. City	5
Mr. Hosea M. Nichols, Oil City, Pa	5
Mr. Judson Nichols, 127 Main st., Charlestown, Mass	1
Mrs. Annie Nicoll, 119 West 48th st., N. Y. City	17
Mrs. Edith Carlotta Nicoll, 119 West 48th st., N. Y. City	9
Mrs. Lilly Maud Nicoll, 119 West 48th st., N. Y. City	11

	Shares.
Mr. Matthias Nicoll, 51 Wall st., New York City	10
Miss Mary F. Niebuhr, 336 Clinton ave., Brooklyn, N. Y	10
Mrs. Ella T. Nightingale, Wellesley Hills, Mass	5
Mr. Henry F. Niles, Green Springs, R. F. D. 2, Seneca Co., Ohio	60
Mr. Lucien H. Niles, 6 Wall st., N. Y. City	2
Miss Lillian Nordica, Inanda, Ardsley-on-Hudson, New York	30
Mr. C. W. Norman, room 801, Building	9
Mrs. Louisa P. Norman, Mess. T. H. Prince & Co., 14 State st., Boston, Mass	10
Mr. A. G. Norris, 65 Cedar st., N. Y. City	200
Mrs. Estelle F. Northam, Lock Box 295, East Hartford, Conn	1
Mrs. Louise P. Norton, 495 Eighth ave., Brooklyn, N. Y	1
Mr. Grant Notman, 54 Wall st., N. Y. City	5
Est. of Jane C. Notman, 54 Wall st., N. Y. City	35
Miss Mary P. Nott, Manhasset, 63 E. 59th st., N. Y. City	20
Trustees for Anna Lee Ames Nowell, 94 Ames Bldg., Boston, Mass	3
Mr. Daniel L. Noyes, care of Colonial, Tucson, Arizona Ter	35
Mrs. Mary E. Noyes, 28 Mill st., Dorchester, Mass	10
Mr. Alonzo G. Oakley, 66 Liberty st., N. Y. City	1
Mrs. Annie L. Oakley, 6234 Clifton ave., St. Louis, Mo	1
Mr. Bernard O'Brien, care of Mr. H. M. Flagler, room 1200, Building	5
Mr. Joseph E. O'Brien, 263 Hudson st., N. Y. City	1
Mrs. Louise O'Brien, 558 W. Spring st., Lima, Ohio	15
Mr. M. J. O'Brien, room 903, 71 Broadway, New York City	100
Mr. William O'Brien, Greenwich, Conn	12
Mrs. D. J. O'Day, Lima, Ohio	10
Est. of Daniel O'Day, care of Colonial Trust Co., 222 Broadway, N. Y. City	2,655
Mr. Daniel O'Day, jr., room 1107, Building	75
Mrs. Jennie O'Day, 601 N. Elm st., Muncie, Ind	10
Mr. John O'Day, 601 N. Elm st., Muncie, Ind	8
Mr. William J. O'Day, care of Buckeye Pipe Line Co., Lima, Ohio	18
Miss Genevieve Lane Odell, 138 West 84th st., New York City	11
Mr. Thomas O'Donnell, 301 33rd st., Pittsburg, Pa	2

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Mr. R. S. Ogden, 4947 Wallingford st. E. E., Pittsburg, Pa	10
Miss Maggie A. Ogsbury, Central Bridge, N. Y	1
Mr. Thomas O'Halloran, 626 No. Broad st., Elizabeth, N. J	1
Mr. F. P. Olcott, P. O. box 630, N. Y. City	500
Mess. Jas. H. Oliphant & Co., 20 Broad st., N. Y. City	30
Mrs. Laura Walsh Oliver, 88 Chestnut st., Albany, N. Y	10
Mr. Henry Ollesheimer, 1 Madison ave., N. Y. City	10
Mrs. Kate Olson, 35 Bellevue pl., Chicago, Ills	2
Mrs. Edith Angela Onderdenk, care of Edward Sweet & Co., 38 Broad st., N. Y. City	10
Mr. Frank P. O'Neil, 2997 Marion ave., Bronx, New York City	3
Mrs. Helen R. Oothout, 22 West 50th st., care of Mr. W. G. Read, N. Y. City	240
Mrs. Jane E. Oothout, 218 Madison ave., N. Y. City	20
Mr. Ansel Oppenheim, 31 Nassau st., N. Y. City	10
Mr. Ernst Oppenheim, care of Mess. Robt. Soltan & Co., 75 John st., N. Y. City	9
Mr. Leo Oppenheim, 15 Blumen Strasse, Frankfort O/M, Germany	150
Mrs. Mary S. Oppenheimer, 301 East 68th st., N. Y. City	2
Mrs. Louise A. Orcutt, 191 South Union st., Grand Rapids, Mich	39
Mrs. Frances T. Ordway, 133 East 71st st., N. Y	5
Mr. Charles Orman, care of Citizens Natl. Bank, Danville, Ky	2
Mr. Alexander E. Orr, Produce Exchange Bldg., N. Y. City	600
Dr. S. Sanford Orr, Central ave., P. O. Box 96, Weston, Mass	1
Mrs. S. Pauline Osborn, care of Rev. C. L. Thompson, room 706, 156 5th ave., N. Y. City	8
Miss Agnes H. Osgood, Fairfield, Conn	5
Mrs. Hannah T. Osgood, 221 Beacon st., Boston, Mass	50
Mr. Robert Osgood, 243 Lafayette st., Salem, Mass	20

	Shares.
Mr. Alvah Osmun, trustee, 338 Mulberry st., Newark, N. J	27
Mrs. Amelia W. Osmun, 76 Lenox ave., East Orange, N. J	13
Mrs. Helen Osswald, 419 East 239th st., Woodlawn, N. Y. City	10
Mrs. Carrie F. Otis, 365 Mill Hill ave., Bridgeport, Conn	3
Mr. Charles Otis, 44 Broad st., N. Y. City	1
Mr. Arthur L. Otterson, care of Mess. Herrick, Berg & Co., 66 Broadway, N. Y. City	18
Mrs. Emily S. Otterson, care of Mr. James C. Bergen, 25 Broad st., N. Y. City	25
Mrs. Lucy Otterson, care of Mr. Arthur L. Otterson, 66 Broadway, N. Y. City	18
Mrs. Mary E. Outerbridge, care of Hon. S. C. Outerbridge, Hamilton Parish, Bermuda	128
Mr. G. B. Johnson, tr. est. of J. H. Outhwaite, care of Am. Ice Co., 28th st. & B'way, N. Y. City	200
Mrs. Florence M. Overton, 4 Hanover st., N. Y. City	2
* Brooklyn Trust Co., Montague st., Brooklyn, N. Y	112
(Brooklyn Trust Co., trustee in the matter of Overton vs. Overton.)	
Mrs. Elizabeth Owen, 1 West 69th st., N. Y. City	10
Est. of Palmyre M. Oxnard, care of Zabriskie, Burrill & Murray, 21 Broad st., N. Y. City	18
Mrs. Elizabeth W. W. Packard, Villanova P. O., Pa	9
* The Provident Life & Trust Co., Philadelphia, Pa	100
(The Provident Life & Trust Company of Philadelphia, trustee for Elizabeth Waln Wistar Packard, under deed of trust of T. Wistar Brown.)	
Mrs. Ella Louise Paddock, 141 West 70th st., N. Y. City	24
Miss Josephine Paddock, 141 West 70th st., N. Y. City	14
Mrs. Lizzie A. Paddock, 149 West 72nd st., N. Y. City	24
Mrs. Margaret W. Paden, 428 Ann st., Parkersburg, W. Va	27
Mr. Elmer E. Page, Saco, Maine	3
Mrs. Genevieve S. Page, 280 Broadway, New York City	3
Mrs. Lizzie A. Page, Menden, Ohio	1
Miss Alberta Victoria Paget, 56 Queen Ann st., London, England	35
Mrs. Amy Paget, 56 Queen Ann st., London, England	35
Mr. C. A. Paine, care of Central Natl. Bank, Cleveland, Ohio	10
Mrs. Mary T. Paine, 285 Quincy st., Brooklyn, N. Y	2
Mr. Silas H. Paine, room 508, Building	100
Mess. Paine, Webber & Co., 27 State st., Boston, Mass	10
Mr. Chas. H. Palmer, Traders Natl. Bank, Rochester, N. Y	5
Mr. Charles W. Palmer, care of Mr. P. Palmer, 3 Broad st., N. Y. City	100
Mr. Delos Palmer, 48 West 50th st., N. Y. City	50
Mrs. Edna E. Palmer, 40 Wall st., N. Y. City	2
Mrs. Emily C. Palmer, 110 Chester st., Mt. Vernon, N. Y	15
Mr. Eugene Palmer, 48 West 50th st., N. Y. City	50
Mr. George Palmer, 110 Chester st., Mt. Vernon, N. Y	20
Mr. George Q. Palmer, 742 East 12th st., N. Y. City	29
Mrs. Helen C. Palmer, 63 William st., N. Y. City	24
Miss Kate Palmer, care of Mr. J. L. O'Donnell, Warren, Pa	4
Mrs. Laura A. Palmer, care of Quintard Iron Works, 742 E. 12th st., N. Y. City	75
Mrs. Lucy W. Palmer, 149 Rock ave., New Haven, Conn	6
Mr. M. P. Palmer, 3 Broad st., room 98, N. Y. City	110
Miln P. Palmer	32
Miln P. Palmer, trustee	5
Mrs. Minnie M. Palmer, care of Mr. W. Jenks Merritt, 44 Broad st., N. Y. City	400
Mrs. Rebecca C. Palmer, P. O. box 275, Olean, N. Y	13
Mess. Palmer & Co., 40 Wall st., New York City	35
Mr. L. C. Panizzardi, 34 Rue de Louvre, Paris, France	42
Frau Marie Pappier, Heller Allee 85, Bremen, Germany	100
Mrs. Ida M. Parcher, Saco, Maine	1
Mr. Sumner C. Parcher, Saco, Maine	1
Mr. Theo. Q. Pardee, room 800, Building	5
Mrs. Harriet L. Park, 69 Lancaster st., Albany, N. Y	2
Mrs. Annie M. Parker, 325 S. Union st., Burlington, Vt	10

	Shares.
Mrs. Bertha L. Parker, 18 Broadway, N. Y. City	3
Mrs. Elizabeth F. Parker, 312 Dartmouth st., Boston, Mass	20
Mr. F. H. Parker, 102 S. Winooski ave., Burlington, Vt	10
Mrs. Henrietta M. Parker, care of Farmers Loan & Trust Co., P. O. Box 1510, N. Y. City	500
Mr. Neilson T. Parker, New Brunswick, N. J	1
Farmers' Loan & Trust Co., P. O. Box 1510, N. Y. City (Farmers' Loan & Trust Co., trustee for Henrietta M. Parker).	
Miss Marion L. Parkin, care of Mr. S. T. Gilford, 473 Lexington ave., city	12
Miss Mary W. Parkin, care of Mr. S. T. Gilford, 473 Lexington ave., city	12
Mr. William Parkin, room 135, Post-office Bldg., N. Y. City	5
Mr. John Parkinson, Exchange Bldg., 53 State st., Boston, Mass	20
Miss Hetty L. Parrish, Southampton, L. I	30
Mr. James C. Parish, care of Mess. Flower & Co., 45 Broadway, N. Y. city	12
Mr. James C. Parrish, jr., 14 Randolph Hall, Cambridge, Mass	22
Mr. Elmer L. Parrott, 86 Winslow st., Portland, Maine	4
Miss Helen Parrott, care of Mr. J. R. Parrott, Jacksonville, Fla	3
Mrs. Helen L. Parrott, Jacksonville, Fla	25
Mr. J. R. Parrott, Jacksonville, Fla	412

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Mr. James E. Parrott, Oxford, Maine	12
Mr. Joseph R. Parrott, Jacksonville, Fla	30
Mr. Thomas H. Parrott, Jacksonville, Fla	5
Miss Gladys Parry, 2 Rue du Cirque, Paris, France	10
Mr. H. E. Parry, care of C. F. Ramsdell, Guilford Center, Vt	10
Mr. Robert Parry, room 604, Building	465
Mrs. Juliette A. Parshall, Delhi, Delaware Co., N. Y	20
Mrs. Agnes E. Parsons, 233 State st., Albany, N. Y	2
Mr. E. W. Parsons, San Jose Abstract Co., San Jose, Cal	5
Mrs. Ella D. Parsons, 278 State st., Albany, N. Y	3
Mr. Henry B. Parsons, 105 Hudson ave., Albany, N. Y	20
Mrs. Agnes E. Parsons, exrx., est. of John D. Parsons, jr., 233 State st., Albany, N. Y	400
Mr. R. W. Parsons, room 1200, Building	3
Mr. John Paterson, 1 Walbrook, London, E. C., Eng	30
Mrs. Minnie A. Patt, 669 Park ave., Auburn, R. I	9
Mr. Frederick M. Patten, 29 Winchester st., Brookline, Mass	2
Mr. A. V. Patterson, care of Colonial Oil Co., Lisbon, Portugal	10
Mr. B. H. Patterson, 5541 Ellsworth ave., Pittsburg, Pa	4
Miss Emma G. Pattison, 201 West 79th st., The Lucerne, N. Y. City	17
Miss Sara S. Pattison, 201 West 79th st., The Lucerne, N. Y. City	10
Mr. A. J. Drexel Paul, 116 Drexel Bldg., Philadelphia, Pa	5
Mr. James W. Paul, jr., care of Mess. Drexel & Co., Philadelphia, Pa	15
Est. of Sallie Paul, care of Rev. Stephen W. Dana, 3925 Walnut st., Phila., Pa	5
Mr. F. G. Pauli, 116 Broad st., N. Y. City	5
Mr. John R. Paxton, East Hampton, L. I	450
Mr. John R. Paxton, jr., care of Mess. L. L. Benedict & Co., 48 Exchange pl., N. Y. City	120
Mrs. Helen M. Paye, 31 Schemerhorn st., Brooklyn, N. Y	5
Mr. George F. Payne, 5 Thornton park, Winthrop, Mass	10
Col. Oliver H. Payne, 852 Fifh ave., N. Y. City	40,000
Mr. Philip G. Peabody, 15 Court sq., Boston, Mass	1
Mrs. Rebecca M. Peabody, 153 West 118th st., N. Y. City	5
Mrs. Elizabeth L. Pearce, care of Mr. Henry Pearce, Providence, R. I	15
Mrs. Margaret S. Pearce, care of Importers' & Traders' Natl. Bank, N. Y. City	56
Norton Perkins, &c., trustees, care of Importers' & Traders' Nat. Bank, N. Y. City	111
Mess. Pearl & Co., Lords Court Bldg., N. Y. City	505

	Shares.
Mrs. Katherine M. Pearson, 431 West 147th st., New York City	10
Miss Bertha S. Pechin, Buchanan, Va	20
Mrs. Christiana M. Peck, 123 East 61st st., N. Y. City	20
Mr. John A. Peck, 124 Water st., N. Y. City	100
Mrs. Laura A. Peck, 500 Madison ave., N. Y. City	10
Miss Lizzie A. Peck, Hensonville, Greene Co., N. Y	3
Mrs. Mary L. Peck, St. Augustine, Fla	15
Mr. William H. Peck, 124 Water st., N. Y. City	75
Jonathan Norton, as trustee under the will of Mary Peckham, deceased; Mr. Jonathan Norton, tr'tee, P. O. Johnsonville, N. Y	9
Mr. Wm. M. Peckham, Troy, N. Y	2
Mrs. Josephine D. Pell, 341 East 50th st., New York City	1
Mr. S. Osgood Pell, 537 Fifth ave., N. Y. City	1
Mrs. Henrietta Pell-Clarke, Springfield Centre, Otsego Co., N. Y	1
Mr. Henry V. Pelton, Poughkeepsie, N. Y	60
Mr. John W. Pelton, Poughkeepsie, N. Y	60
Mrs. Clara A. Pendleton, exrx. est. of Clara D. Pendleton, 102 W. 5th st., Bayonne, N. J	14
Mrs. Minnie Penfield, Riverside Drive, near 173rd st., N. Y. City	2
Mrs. Harriet Peniston, 22 So. Portland ave., Brooklyn, N. Y	4
Mrs. Grace W. Penney, 124 West Bridge st., Oswego, N. Y	22
Mrs. Mary E. Perchmont, 922 S. Negley ave., Pittsburg, Pa	13
Norton Perkins &c., trustees, care of Importers' & Traders' Nat. Bank, N. Y. City	167
Mrs. Elizabeth A. Perkins, 1 West 57th st., New York City	10
Miss Fanny R. Perkins, care of Mr. Chas. R. Price, 34 Pine st., N. Y. City	5
Mr. Geo. Howard Perkins, jr., care of Warren Bros. Co., 93 Federal st., Boston, Mass	3
Mrs. Helen C. Perkins, 413 So. Broad st., Philadelphia, Pa	146
Mr. Norton Perkins, care of Importers' & Traders' Nat. Bank, N. Y. City	166
Miss Susan G. Perkins, Concord, N. H	5
Mr. Edward Rodman Perry, care of Natl. Commercial Bank, Albany, N. Y	2
Mrs. H. De Mott Perry, 623 West 136th st., N. Y. City	10
Mr. Winthrop H. Perry, Southport, Conn	20
Mrs. Elizabeth M. Pechine, Glen Ridge, N. J	15
Mr. James B. Peter, 207 Eddy Bldg., Saginaw, Mich	45
Mrs. Barbara R. Peters, 2099 East 71st st., Cleveland, Ohio	15
Miss Kate O. Peterson, 91 8th ave., Brooklyn, N. Y	6
Mrs. Mary I. Peterson, 91 8th ave., Brooklyn, N. Y	6
Mr. Otto L. Peterson, 1 Broadway, N. Y. City	17
Mrs. Emeline F. C. Peterson, 27 West 86th st., N. Y. City	300
Mr. Nathan D. Petty, Riverhead, L. I	5
Mr. Louis Leopold Pfister, Boulevard Bretonniere, Beaune "Cote d'Or," France	5
William M. Swartwout and Walter Jerome Green, as trustees under the will of Anna F. Phelps, deceased, William M. Swartwout, et al., trustees, care of Central Tr. Co., 54 Wall st., N. Y. City	200
Mrs. Mary C. Phelps, Strawberry Hill, Stamford, Conn	10
Mr. H. H. Plummer, exr. est. of E. L. Philbrook, 29 Ocean ave., Salem, Mass	25
Mr. A. L. Phillips, 257 Broadway, N. Y. City	20
Mrs. Agnes Phillips, care of Mess. Kountze Brothers, 120 Broadway, N. Y. City	5
Leonard H. Phillips and Everett Paine, trustees under will of David K. Phillips; Mr. Everett Paine, trustee of David K. Phillips, Marblehead, Mass	50
Mr. Edward D. Phillips, Mills Bldg., New York City	20
Margaret Duncan Phillips, 8 Hamilton st., Salem, Mass	20
Mr. C. K. Phipard, 111 Broadway, N. Y. City	30
Miss Ada Phipps, care of Knickerbocker Trust Co., 358 5th ave., N. Y. City	250
Mr. Henry Phipps, 787 Fifth ave., N. Y. City	40
Mr. John S. Phipps, 787 Fifth ave., N. Y. City	10
Miss Sarah M. Phipps, care of Knickerbocker Trust Co., 358 Fifth ave., N. Y. City	80

	Shares.
Mrs. Anna J. Pickering, care of People's Natl. Bank, Langhorne, Pa	204
Mr. H. Russell Pickering, care of Mr. Wm. Barnsley, Newtown, Bucks Co., Pa.	119
Miss Marie Pieper, 15 East 69th st., care of Mr. F. Neustadt, N. Y. City	3
Mrs. Agnes Young Pierce, care of Capt. P. E. Pierce, West Point, N. Y.	5
Mrs. Caroline L. Pierce, 82–90 Washington ave., Brooklyn, N. Y.	8
Mr. Frederic B. Pierce, 60 Glendale st., Dorchester, Mass.	8
*Mr. James Homer Pierce, room 44, 164 Federal st., Boston, Mass.	30
J. Homer Pierce, William H. Canterbury & Mary Louise Quincy, trustees under the will of Samuel B. Pierce	160
Est. of James F. Pierce, 20 Broad st., care of Chauncey & Co., N. Y. City	168
Mr. James F. Pierce, jr., 20 Broad st., care of Chauncey & Co., N. Y. City	8

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Mrs. Mary E. L. Pierce, Washington, Kans	1
Mr. Robert L. Pierrepont, 12 Pierrepont st., Brooklyn, N. Y	19
Mr. George A. Piersol, 4724 Chester ave., Philadelphia, Pa.	100
Mrs. Ellen C. Pierson, Bridgehampton, N. Y.	5
Mrs. Emma Belle D. Pierson, 1515 Pacific st., Brooklyn, N. Y.	5
Mr. Edward N. Pigot, 146 Remsen st., Brooklyn, N. Y.	20
Louise Pincoffs, 507 Postal Telegraph Bldg., Chicago, Ill	1
Mrs. Cornelia F. Pinkham, Montclair, N. J.	75
Mr. Thomas Pisarra, 45 Broadway, N. Y. City	2
Mr. Eugene Pitou, care of Mr. Spire Pitou, 17 State st., N. Y. City	24
Mr. George W. Pitou, room 208, Building	6
Mr. Sullivan Pitts, 1009 St. Paul st., Baltimore, Md.	5
Mrs. Ella W. Plankinton, 1505 Grand ave., Milwaukee, Wis.	1
Mr. M. F. Plant, 71 Broadway, N. Y. City	2,000
Mr. Clayton E. Platt, 410 Pa. Bldg., 15th & Chestnut sts., Philadelphia, Pa.	2
Mr. Frank E. Platt, Scranton, Pa	1
Mrs. Lucinda Platt, Western Union Tel. Co., Greenville, Pa	6
Mrs. Miriam A. Platt, 311 Lenox ave., N. Y. City	20
Mr. Lewis M. Plumer, St. Nicholas Bldg., Pittsburg, Pa	69
Mrs. Lillie D. Plumber, Lincoln drive & Wayne ave., Germantown, Pa	10
Mrs. Mary C. B. Plummer, New Bedford, Mass	30
Mrs. Lavinia L. Pogue, Greendale ave., Clifton, Cincinnati, Ohio	15
Mrs. Mary E. Polak, 23 7th ave., Brooklyn, N. Y	15
Mrs. Jane Wilshire Polhemus, 204 California st., San Francisco, Cal	30
Miss Anna J. Pollock, care of Mr. Henry F. Pollock, 3446 N. 16th st., Phila., Pa	2
Mr. Charles S. Pollock, care of Standard Oil Co., Minneapolis, Minn	20
Miss Mary M. Pomeroy, care of Fifth Ave. Bank, N. Y. City	10
Mr. Eugene H. Pool, 128 East 64th st., N. Y. City	38
Mr. J. Lawrence Pool, 191 Front st., N. Y. City	38
Mr. Wm. Henry Pool, Harrison, N. Y	38
Mrs. Sophie R. Poole, 418 Julian st., Parkersburg, W. Va	80
Mrs. Zelia Pooler, 27 Washington terrace, East Orange, N. J	5
Dr. Daniel Warren Poor, 27 Ridge st., Orange, N. J	10
Mr. James R. Poor, P. O. B. 5104, Boston, Mass	2
Mrs. Susan H. Poor, 27 Ridge st., Orange, N. J	100
Mr. Walter Frank Poor, 120 W. avenue 54, Los Angeles, Cal	10
Mess. H. W. Poor & Co., 33 Wall st., N. Y. City	50
Mr. Henry R. Poore, 45 Ridge st., Orange, N. J	10
Mr. Charles F. Pope, 61 East 65th st., N. Y. City	3
Mrs. Mabel Larremore Pope, 61 East 65th st., N. Y. City	7
Mrs. M. A. Pore, Silver Bay, N. Y	2
Mr. Alfred H. Porter, jr., 100 William st., N. Y. City	10
Mr. Benj. C. Porter, 22 West 11th st., New York City	10
Mrs. Cornelia A. Porter, Oceanic, N. J	5
Mrs. Esther E. Porter, Mr. N. W. Porter, room 100, Building	40
Mrs. Esther J. Porter, 56 East 67th st., N. Y. City	2
Mr. George Porter, 323 4th ave., Pittsburg, Pa	10
Mrs. Hattie M. Porter, 375 Clinton ave., Bridgeport, Conn	6
Mr. M. W. Porter, care of Ohio Oil Co., Marshall, Ill	6

	Shares.
Mrs. Mary L. Porter, 22 West 11th st., New York City	10
Mr. Norman W. Porter, room 100, Building	13
Mrs. Williamina Porter, care of Mr. E. L. Rogers, 71 Broadway, N. Y. City	13
Mrs. Mary E. Poterfield, 211 West 3rd st., Oil City, Pa	50
Mrs. Mary D. Post, Broadway & 69th st., "Spencer Arms," N. Y. City	200
Mr. LeRoy Clark, trustee for Mary D. Post, 114 Liberty st., N. Y. City	100
Miss Mary L. Post, Deep River, Conn	2
Mess. Post Bros. & Co., 43 Exchange place, N. Y. City	40
Mess. Post & Flagg, 38 Wall st., New York City	225
Mrs. Elizabeth B. Potter, 690 Fullerton Boule'd, Chicago, Ill	50
Mrs. Mabel A. P. Potter, 220 Waterman st., Providence, R. I.	42
Mr. Orrin W. Potter, 130 Lake Shore drive, Chicago, Ill	452
Mr. R. F. Potter, 36 Wall st., N. Y. City	2
Mr. Robert Burnside Potter, care of Brown Bros. & Co., 59 Wall st., N. Y. City	2
Mrs. Carrie de H. Potts, 770 Bullitt Bldg., Philadelphia, Pa	40
Mr. Francis L. Potts, 770 Bullitt Bldg., Philadelphia, Pa	194
Mr. George H. Potts, Pottstown, Pa	25
Mrs. Ginevra H. Potts, Wyebrook, Chester Co., Pa	40
Mrs. Mary M. Potts is to be addressed as Mrs. Jos. D. Potts Mrs. Jos. D. Potts, 772 Bullitt Bldg., Philadelphia, Pa	664
Mr. Wm. M. Potts, Wyebrook, Chester Co., Pa	200
Mr. A. B. Pouch, 68 Broad st., N. Y. City	5
Est. of A. J. Pouch, 68 Broad st., N. Y. City	500
A. B. Pouch, Fred H. Pouch, exrs., 68 Broad st., New York City	40
Mr. Edgar D. Pouch, 68 Broad st., N. Y. City	30
Mrs. Florence W. Pouch, 547 East 21st st., Flatbush, Brooklyn, N. Y	5
Mr. Fred H. Pouch, 68 Broad st., N. Y. City	20
Mr. W. H. Pouch, 68 Broad st., N. Y. City	10
Mr. E. Curzon Poultney, 2109 De Lancey pl., Philadelphia, Pa	2
Mr. Eugene Poultney, The Cecil, Baltimore, Md	4
Mr. J. Livingston Poultney, 112 North Broad st., Philadelphia, Pa	2
Mrs. Susan M. Poultney, 132 W. Lafayette ave., Baltimore, Md	18
Miss Ethel H. Powell, 39 West 86th st., N. Y. City	75
Mr. F. E. Powell, care of Mr. T. C. Powell, Chemical Bldg., St. Louis, Mo	200
Mr. Henry B. Powell, Morristown, N. J	50
Mr. Willoughby Powell, 42 Lispenard st., N. Y. City	6
Mrs. Eleanor B. Power, 263 West 73rd st., New York City	5

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Mr. James G. Powers, 101 Murray st., N. Y. City	20
Mr. Thomas J. Powers, Titusville, Pa	1
Mrs. A. T. Pratt, "The Sagamore," East Madison ave., Cleveland, Ohio	1
Mrs. Abigail Pratt, care of Citizens Sav'gs & Tr. Co., Cleveland, Ohio	2
Mrs. Alice E. Pratt, 373 Clinton ave., Bridgeport, Conn	5
Mrs. Caroline A. Ladd Pratt, 229 Clinton ave., Brooklyn, N. Y	50
Est. of Chas. Pratt, enc. to Harold I. Pratt	52,802
Mr. Charles M. Pratt, enc. to Harold I. Pratt	5,000
Mr. Edward P. Pratt, 410 Postal Tel. Bldg., Kansas City, Mo	8
Mrs. Florence G. Pratt, 217 Clinton ave., Brooklyn, N. Y	25
Mr. Frederic B. Pratt, enc. to Harold I. Pratt	150
Mr. Frederick L. Pratt, 311 White Bldg., Buffalo, N. Y	8
Mrs. Frederika Bailey Pratt, Hickox Bldg., Cleveland, Ohio	10
Mr. Geo. D. Pratt, enc. to Harold I. Pratt	100
* Mr. Harold I. Pratt, room 502, Building	20
Mrs. Harriet B. Pratt, enc. to Harold I. Pratt	20
Mr. Herbert L. Pratt, enc. to Harold I. Pratt	30
Mr. Isaac H. Pratt, 1824 East 79th st., Cleveland, Ohio	1
Mrs. Janet S. Pratt, 185 St. James pl., Brooklyn, N. Y	12
Mrs. Josephine Pratt, 28 Prospect Park West, Brooklyn, N. Y	185
Mrs. Mary D. Pratt, 15 John st., Chelsea, Mass	12
Mrs. Mary H. Pratt, enc. to Harold I. Pratt	150
Mrs. Mary J. F. Pratt, 179 New York ave., Brooklyn, N. Y	200
Mr. Morris Pratt, enc. to Harold I. Pratt	5
Mrs. Ruth Baker Pratt, 43 Exchange pl., N. Y. City	25

	Shares.
Frederick L. Pratt et al., trustees for Samuel F. Pratt, 311 White Bldg., Buffalo, N. Y	8
Mess. Chas. Pratt & Co., enc. to Harold I. Pratt	1,312
Mrs. Alta R. Prentice, 5 West 53rd st., New York City	620
Mr. E. Parmalee Prentice, 35 Wall st., N. Y. City	40
Mr. John H. Prentice, care of Farmers Loan & Trust Co., 16 William st., N. Y. City	10
Mrs. Caroline E. Prentiss, 108 Pierrepont st., Brooklyn, N. Y	25
Mrs. Grace St. L. Prescott, 39 Stanley st., Dorchester, Mass	1
Sarah E. Prescott, 212 Wilder Bldg., Rochester, N. Y	10
Mr. Charles C. Preston, room 1008, Building	2
Mrs. E. K. M. Preston, care of Lilburn T. Myers, Richmond, Va	40
Mr. Ralph J. Preston, Brookdale, Red Bank, N. J	1,762
Covington Sav. Bk. & Tr. Co., trustee for Ida Prestley Prettyman, Covington, Ky	5
Mr. Theodore F. Prewitt, 4917 Berlin ave., St. Louis, Mo	51
Miss Edith Price, 843 West Adams st., Chicago, Ill	1
Mrs. Eliza T. Price, care of Mr. Theo. H. Price, 71 Wall st., N. Y. City	1
Mrs. Elizabeth E. Price, 1530 Poplar st., Philadelphia, Pa	1
Mr. Fred K. Priest, 314 Main st., Nashua, N. H	50
Miss Kezia Pritchard, N. Kingsville, Ohio	2
Mr. Robert B. Pritchard, Middle Granville, N. Y	10
Mr. Edward Prizer, room 65, 29 Broadway, N. Y. City	215
Mrs. Isabel E. Prizer, 813 O'Fallon ave., Dayton, Ky	2
Mrs. Mary Prizer, 423 Centre st., South Orange, N. J	5
Allison Land Co., trustee for Frances Allison Probst, 100 William st., N. Y. City	25
Mess. Probst, Wetzlar & Co., 27 William st., N. Y. City	120
Mr. Harley T. Procter, 1430 Union Trust Co., Cincinnati, Ohio	300
Miss Harriet Procter, 421 Marlborough st., Boston, Mass	35
Mr. Rodney Procter, 11 East 52nd st., N. Y. City	7
Mr. William Procter, 120 Broadway, N. Y. City	15
Mr. T. Mitchell Prudden, 160 West 59th st., N. Y. City	2
Mrs. Anna Parker Pruyn, 13 Elk st., Albany, N. Y	10
Mr. Charles L. Pruyn, care of N. Y. State Natl. Bank, Albany, N. Y	20
Mrs. Isabella M. Pruyn, 183 Clinton ave., Albany, N. Y	2
Mr. Jules Puech, 10 Rue Rochebruns, Paris, France	2
Mr. Charles Pullar, 54 Annawan st., Hartford, Conn	3
Miss Marina L. Purdon, 77 East Main st., Titusville, Pa	10
Mr. Michael C. Purtscher, Lima, Ohio	1
Miss Anstiss H. Putnam, 273 Beacon st., Boston, Mass	2
Mrs. Sarah B. Putnam, 273 Beacon st., Boston, Mass	6
Mess. C. A. Putnam & Co., 53 State st., Boston, Mass	20
Mrs. Esther A. Pyle, 436 Greenwich st., N. Y. City	25
Mr. Jas. T. Pyle, 436 Greenwich st., N. Y. City	25
Est. of Wm. S. Pyle, 436 Greenwich st., N. Y. City	25
Mr. H. E. Pyrke, 45 Broadway, N. Y. City	2
Mrs. Elizabeth W. Quail, Washington, Pa	1
Mrs. Romelia M. Quayle, 2658 Euclid ave., Cleveland, Ohio	4
Mrs. Ruth E. Quayle, 2658 Euclid ave., Cleveland, Ohio	4
Mrs. Isadore J. Quick, P. O. Box 448, San Francisco, Cal	10
Mess. N. A. & B. T. Quilling, 1019 Williamson Bldg., Cleveland, Ohio	20
Mrs. Lillian M. Quinby, Titusville, Pa	30
Mrs. Mary Louisa Quincy, 452 Columbia road, Dorchester, Mass	19
Mr. Samuel Quincy, 39 Remsen st., Brooklyn, N. Y	6
Mrs. Mary Edna Abell Raff, 76 Park pl., N. Y. City	78
Mrs. Flora L. Rahill, 67 South Cedar ave., Oberlin, Ohio	63
Mr. Michael Jos. Rahilly et al, care of Munster & Leinster Bank, Cork, Ireland	6
Mrs. Emily H. Rainey, 325 West 88th st., N. Y. City	10

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Mr. Samuel Y. Ramage, Oil City, Pa	400
Sir W. Ramsay, K. C. B., 19 Chester terrace, London, NW., Eng	6
Mrs. Posie M. Ramsdell, 51 Union st., Boston, Mass	3
Mrs. Martha Ramsey, Hackensack, N. J	25

	Shares.
Mr. Garret A. Randall, Hackensack, N. J	7
Mr. E. Randebrock, care of Deposito & Administratie Bk., Rotterdam, Holland	265
Mr. Otto Randebrock, care of American Petroleum Co., Rotterdam, Holland	400
Mrs. Emma F. Randolph, Northville, N. Y	13
Mr. Harry S. F. Randolph, Northville, N. Y	12
Mrs. Ida C. Randolph, 239 Hancock st., Brooklyn, N. Y	30
Mrs. Josephine L. Randolph, 239 Hancock st., Brooklyn, N. Y	20
Mess. E. & C. Randolph, 7 Nassau st., N. Y. City	225
Mr. Geo. P. Raney, Tallahassee, Fla	10
Mrs. Alice B. Ranney, 762 Euclid ave., Cleveland, Ohio	10
Dr. Ambrose L. Ranney, 345 Madison ave., N. Y. City	16
Mr. Charles P. Ranney, 762 Euclid ave., Cleveland, Ohio	100
Mrs. Marie C. Ranney, 345 Madison ave., N. Y. City	20
Union Trust & Deposit Co., of Parkersburg, tr., Parkersburg, W. Va	21
Mr. M. J. Rathbone, box 33, Parkersburg, W. Va	60
Mrs. Mary E. Rathbone, Parkersburg, Wood Co., West Va	60
Mr. P. D. Rathbone, Hyde Park Hotel, Lake ave. & 51st st., Chicago, Ill	65
Mr. R. Bleecker Rathbone, 45 William st., N. Y. City	100
Mr. W. F. Rathbone, D. & H. Co., Albany, N. Y	5
Mrs. Eliza B. Rathbun, 347 State st., Albany, N. Y	50
Col. C. W. Raymond, 1 West 34th st., N. Y. City	50
Mr. Daniel V. Raymond, 59 Cedar st., N. Y. City	5
Mrs. Grace C. Raymond, care of Mr. James I. Raymond, 877 Broadway, N. Y. City	105
Est. of James I. Raymond, care of Mess. A. A. Vantine & Co., 877 Broadway, N. Y. City	100
Mrs. Nancy Denman Raymond, Ridgefield, Conn	2
Mess. Raymond, Pynchon & Co., 111 Broadway, N. Y. City	1
Mrs. Hannah E. Read, 221 E. North ave., Baltimore, Md	1
Union Trust Company of New York, trustee under will of Delphine M. P. Read, decd., for Harmon Pumpelly Read and others	15
Union Trust Co., trustee, 80 Broadway, N. Y. City Union Trust Company of New York, trustee under will of Delphine M. P. Read, decd., for John Meredith Read and others	15
Estate of Robert Read, care of Continental Trust Co., Baltimore, Md	40
Mr. Robert F. Read, Beach & Ridge aves., Walbrook, Baltimore, Md	1
Mr. Llewellyn B. Reakirt, Bodman Building, Cincinnati, Ohio	200
Miss Mary Reardon, 219 College ave., Fostoria, Ohio	5
Mrs. Cecelia M. Reber, 1736 N st., Washington, D. C	3
Louise King Reckendorfer, care of American Lead Pencil Co., 43 W. 4th st., N. Y. City	1
Miss Bessie Gordon Redfield, 764 Asylum ave., Hartford, Conn	6
Josephine Stokes Redfield, 160 Collings st., Hartford, Conn	1
Miss Maria Louise Redfield, 764 Asylum ave., Hartford, Conn	2
Mr. Charles T. Reed, Cleveland, Ohio	20
Ida E. Reed, guardian for Edward R. Reed (Mrs. Ida E. Reed, gdn., 111 Imperial st., Oil City, Pa.)	2
Ida E. Reed, guardian for Emma Reed	1
Ida E. Reed, guardian for Gertrude J. Reed	2
Mrs. Caroline M. Reeves, Richmond, Ind	6
Mrs. Caroline R. Rowland, tr. for Aaron L. Reid, 79 Willow st., Brooklyn, N. Y	2
*Mr. W. H. Reid, 135 Broadway, N. Y. City (W. H. Reid, trustee for Frederick L. Reid.)	12
Mrs. Ida M. Reid, Ottawa, Kansas	200
Mrs. Nancy Elton Reid, 6 West Saville road, Edinburgh, Scotland	4
Mr. Peter Reid, Passaic, N. J	200
Mr. Robert S. Reid, 102 Willow st., Brooklyn, N. Y	3
Mr. D. P. Reighard, Pittsburg, Pa	600
Mrs. Mary R. Reilly, 577 Hugh st., Denver, Colo	7
Mrs. Annie E. Reinbeth, Ravenroyd, Chelsea ave. & B'dwalk, Atlantic City, N. J	25
Mr. Marcel M. P. Relecom, care of Watkins Laundry Machinery Co., Cincinnati, Ohio	1

	Shares.
Mr. Louis Remmertz, Nassau & Beekman sts., care of Nassau Bank, N. Y. City	30
Herr C. Renck, Kanalplatz, 5, Harburg/Elbe, Germany	10
Mr. Alfred H. Renshaw, Noroton, Conn	18
Mr. R. Reussner, P. O. Box 1385, N. Y. City	20
Annie Rebecca Reville and Jospeh Oliver Reville, 2315 Callow ave., Balt., Md	1
Mr. George G. Reynolds, 16 Court st., Brooklyn, N. Y	5
Mr. Henry E. Reynolds, 84 State st., Boston, Mass	1
Mr. John A. Reynolds, Broadway & Madison ave., Albany, N. Y	21
Mrs. Mary Etta Reynolds, Randolph, Mass	6
Mrs. Viola Reynolds, care of John W. Reynolds, 82–92 Beaver st., N. Y. City	12
Mr. W. D. Reynolds, care of Natl. City Bank, 52 Wall st., N. Y. City	50
Mr. Weldon H. Reynolds, 50 Congress st., care of Standard Oil Co., Boston, Mass	5
Miss Angeline Rhodes, 201 Euclid ave, Syracuse, N. Y	3
Miss Edna M. Rhodes, 201 Euclid ave., Syracuse, N. Y	3
Mr. Joseph H. Rhodes, P. O. box 346, Cincinnati Ohio	300
Safe Dep. & Tr. Co. Pittsburg, trustee of Kate N. Rhodes, Pittsburg, Pa	10
Mrs. Mary Coope Rhodes, 201 Euclid ave., Syracuse, N. Y	6
Mr. Archibald E. Rice, 30 Church st., Waterbury, Conn	2
Mr. David Rice, 87 Milk st., Boston, Mass	3
Mrs. Helen M. Rice, 30 Church st., Waterbury, Conn	2
Mrs. Nannie R. Rice, care of Mr. David Rice, 87 Milk st., Boston, Mass	68
Mess. Rice, Quinby & Co., Produce Exchange Bldg., N. Y. City	50
Mr. Tracy G. Rich, Binghamton, N. Y	2
Mr. Horace E. Richards, Summit pl., Falls of Schuylkill, Phila., Pa	20
Mr. James S. Richards, Westport, Conn	14
Mrs. Lizzie F. Richards, Summit pl., Falls of Schuylkill, Phila, Pa	4
Mr. Thomas T. Richards, care of Maitland, Coppell & Co., 52 William st., N. Y. City	5

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Mrs. Alice M. A. Richardson, 85 High st., Newburyport, Mass	3
Mrs. Eliz. J. Richardson, 27 Gardner st., Chelsea, Mass	98
Mrs. Emily L. Richardson, Stoneham, Mass	3
Mrs. Harriet M. Richardson, P. O. box 2127, N. Y. City	5
Mrs. Mary E. Richardson, box 108, Berlin Falls, N. H	10
Mr. Preston Richardson, Barrington, R. I	5
Mr. William Richardson, 1361 Niagara st., Buffalo, N. Y	200
Mess. Richardson, Hill & Co., 40 Water st., Boston, Mass	13
Mr. A. P. Richey, P. O. box 15, Tarentum, Allegheny Co., Pa	3
Mrs. Nettie H. Richman, 2051 East 93rd st., Cleveland, Ohio	6
Mr. C. T. Richmond, care of Natl. Carbon Co., Cleveland, Ohio	40
Mrs. Louisa A. Richmond, Oxford, Me	7
Mrs. Maria K. Richmond, care of Mr. H. L. Stratton, 42 Broadway, N. Y. City	11
Mr. C. H. Ryland, treasurer, Richmond College, Richmond, Va	250
Miss Bertha Monroe Rickoff, Berkeley, Cal	7
*Mrs. Kate H. Riddle, care of Mr. Thos. J. O'Brien, Grand Rapids, Mich	2
Mr. William Riddle, Atlantic City, N. J	1
Mrs. Esther S. Ridgway, Oil City, Pa	10
Mr. Erwin C. Riedmann, Alsterufer, 27, Hamburg, Germany	500
Mr. Heinrich A. Riedmann, Alsterufer, 27, Hamburg, Germany	516
Dr. Tonio Riedemann, care of Deutsch Am. Pet. Geselleschaft, Hamburg, Germany	535
Dr. Wilhelm Riedemann, Klopstock Str. 30c, Hamburg, Germany	500
Mr. Wilh. A. Riedemann, care of Mr. Philip Ruprecht, room 208, Building	2310
Mrs. Florence P. Riggs, Glen Ridge, N. J	4
Mr. Francis B. Riggs, care of Mess. Sanborn & Sanborn, 29 Wall st., N. Y. City	225
Mrs. Isabel Tilden Riggs, 33 Seminary st., Auburn, N. Y	16
Mrs. Carrie D. L. Riker, care of Mess. Arnold & Riker, 56 Pine st., N. Y. City	1

	Shares.
Miss Frances Riley, 67 Boule. Haussmann, Paris, France	2
Miss Mary E. Riley, 572 Fifth ave., N. Y. City	6
Miss Alice B. Ring, care of The Garfield Savings Bank Co., Cleveland, Ohio	5
Est. of Miriam A. Ripley, 137 Orchard st., Newark, N. J	5
Miss Suzette S. Ripley, Rosebank, Staten Island, N. Y	5
Mr. Thomas H. Ripley, 88 Baldwin ave., Newark, N. J	1
Mr. Wainwright Ripley, 137 Orchard st., Newark, N. J	1
Mr. William D. Ripley, 8 Pennsylvania ave., Newark, N. J	1
Margaret Maloney Ritchie, 1504 Land Title Bldg., Philadelphia, Pa	5
Mr. Ernest Ritterhoff, 1157 East Bait st., Baltimore, Md	4
Mrs. Irene C. Ritts, care of Mr. J. V. Ritts, Butler, Pa	72
Dr. Hunter Robb, 702 Rose Bldg., Cleveland, Ohio	1
Mrs. Isabel Hampton Robb, 702 Rose Bldg., Cleveland, Ohio	5
Miss Jennie Robb, Frankfort, Ky	2
Mrs. Lizzie Robb, Frankfort, Ky	2
Mr. Chandler Robbins, 35 West 48th st., N. Y. City	50
Est. of Esther G. Robbins, care of Hannah G. Gaskin, Exrx., 45 West 89th st., N. Y. City	9
Georgiana Sexton Robbins, 22 Pierrepont st., Brooklyn, N. Y	15
Miss Ida E. Robbins, 417 West 118th st., N. Y. City	1
Mr. Julian W. Robbins, care of Mess. Geo. Leask & Co., 37 Wall st., N. Y. City	20
Mrs. Sarah F. Robbins, Newington, Conn	5
Mrs. Sarah Jewett Robbins, care of Mess. Geo. Leask & Co., 37 Wall st., N. Y. City	400
Mrs. Susan A. Robbins, 9 East 36th st., N. Y. City	45
Mr. John W. Robe, Albany, N. Y	10
Mrs. Adaline Roberts, 239 Hancock st., Brooklyn, N. Y	12
Mr. E. T. Roberts, Titusville, Pa	34
United States Trust Co., 45 Wall st., New York City (United States Trust Co. of N. Y., trustee under the will of Ebenezer L. Roberts)	36
Mrs. Emily T. Roberts, 10 East 70th st., N. Y. City	10
Mr. J. Nevin Roberts, 417 Walnut st., Cincinnati, Ohio	44
Mrs. Lydia P. D. Roberts, 150 Harrison ave., Jersey City, N. J	8
Mrs. Mary A. Roberts, care Mess. W. W. Kurtz & Co., 131 So. 4th st., Phila., Pa	5
Mrs. Mary E. Roberts, 313 South 17th st., Philadelphia, Pa	3
Mrs. Mary F. Roberts, 116 South Front st., Philadelphia, Pa	1
Mr. Mathew F. Roberts, Box 3850, Station D, Philadelphia, Pa	10
Mr. Nathan B. Roberts, 10 Washington pl., N. Y. City	135
Mr. Oscar S. Roberts, Pittsfield, Mass	50
Mr. W. P. Roberts, 1004 Guaranty Loan Bldg., Minneapolis, Minn	19
Mess. Roberts, Hall & Criss, 417 Walnut st., Cincinnati, Ohio	186
Mrs. Agnes Robertson, 201 West 72nd st., Hotel St. Andrew, N. Y. City	100
Mr. Andrew Robertson, St. Andrew Hotel, 72nd st. & Broadway, N. Y. City	3
Mr. James M. Robertson, care of Standard Oil Co., Cleveland, Ohio	1
Mrs. H. Fannie Robins, 506 Madison ave., N. Y. City	8
Mr. A. B. Robinson, Jackson, Mich	20
The Trust Co. of Am., trustee for Alice Louise Robinson, 135 Broadway, N. Y. City	78
Mrs. Anne H. Robinson, 233 Edwards st., New Haven, Conn	15
Mr. Clarence I. Robinson, Westerleigh, Staten Island, N. Y	8
Mrs. Ella T. Robinson, Marengo, Ills	10
Mrs. Fanny de G. Robinson, to be addressed Mrs. T. H. Robinson, Mrs. T. H. Robinson, care of Mr. T. H. Robinson, 56 Maiden lane, N. Y. City	6
Mrs. Frances A. Robinson, care of Fifth Avenue Bank, 530 Fifth ave., N. Y. City	15
Miss Grace A. Robinson, 304 Orange st., Oil City, Pa	8
Mr. Horace B. Robinson, Oil City, Pa	20
Mrs. Mary E. Robinson, 232 Pembroke ave., Norfolk, Va	187
Mrs. N. Eliza Robinson, 304 Orange st., Oil City, Pa	1
Mr. Ralph R. Robinson, 2174 Fifth ave., Troy, N. Y	5
Mr. Seth B. Robinson, 35 Nassau st., New York City	2

	Shares.
Mr. William A. Robinson, 11 Broadway, room 1105, N. Y. City	15
Mrs. Abby Aldrich Rockefeller, 13 West 54th st., New York City	15
Mr. John D. Rockefeller, room 1409, Building	247,692
Mr. John D. Rockefeller, jr., room 1409, Building	120
Mr. Wm. Rockefeller, room 1300, Building	11,700
Mr. Henry D. Rodgers, care of Albany Savings Bank, Albany, N. Y	2
Mr. Charles F. Roe, 35 East 37th st., N. Y. City	300
Mrs. Elizabeth Ann Roe, Westport, N. Y	23
Mr. George G. Roe, Westport, N. Y	10
Mr. Livingston Roe, room 106, Building	120
Miss S. Jennie Roe, Granville, Licking Co., Ohio	1
Mr. Washington A. Roebling, 191 West State st., Trenton, N. J	100
Mrs. Georgiana H. Roeder, 2028 East 88th st., Cleveland, Ohio	82

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Mr. A. S. Rogers, Queen City Oil Co., Toronto, Ont	5
Mrs. Cornelia M. Rogers, 48 East 61st st., N. Y. City	25
Mrs. Emilie R. Rogers is to be addressed Mrs. Henry H. Rogers, *Mrs. Henry H. Rogers, 3 East 78th st., N. Y. City	225
Mrs. Emily S. Rogers, 24 Summer st., Boston, Mass	6
Mr. George E. Rogers, Greenfield, Mass	10
Mr. H. H. Rogers, room 1102, Building	16,020
Mr. H. H. Rogers, jr., room 1102, Building	1,050
Mrs. Louisa M. Rogers, 916 No. Broad st., Elizabeth, N. J	2
Mrs. Mary E. Rogers, care of A. S. Rogers, Queen City Oil Co., Toronto, Ont	5
Mr. Robert Rogers, 48 East 61st st., New York City	10
Est. of Samuel Rogers, King & Yonge sts., Toronto, Ont	10
Mess. Rollins & Co., 52 Broadway, N. Y. City	100
Estate of B. F. Romaine, room 66, 68 Broad st., N. Y. City	50
Mr. Clarence M. Roof, Lakewood, N. J	50
Rev. Claudius M. Roome, Montclair, N. J	50
Mrs. Sarah M. Roome, 11 West 34th st., N. Y. City	94
Mrs. Nannie V. Roosevelt, 46 Wall st., New York City	2
Mr. Judson H. Root, 177 Allyn st., Hartford, Conn	10
Mrs. Jessie F. Rose, 64 Laurier ave., East, Ottawa, Canada	8
Mrs. Emma Rosenwald, 145 Water st., N. Y. City	40
Mr. Wm. J. Rotch, West Tisbury, Mass	10
Elizabeth L. Rothschild, 753 West End ave., N. Y. City	176
Mr. Martin Rothschild, 753 West End ave., N. Y. City	25
Mr. Louis D. Round, care of Mess. D. Round & Sons, Cleveland, Ohio	4
Mr. Charles Edward Rowe, Loma Loma, Exeter, Eng	15
Miss Cornelia G. Rowe, 139 East 34th st., N. Y. City	5
Miss Edith Fanny Rowe, Loma Loma, Exeter, Eng	10
Mr. Frank Edward Rowe, Loma Loma, Exeter, Eng	10
Miss Gertrude A. Rowe, Linthorpe, Tyndals Park, Clifton, Bristol, Eng	3
Mr. Harold Charles Rowe, Deepdene, Matford ave., Exeter, Eng	10
Mr. James Rowe, care of August Belmont & Co., 23 Nassau st., N. Y. City	100
Miss Kate Emily Rowe, Loma Loma, Exeter, Eng	10
Mrs. Caroline R. Rowland, 79 Willow st., Brooklyn, N. Y	3
Mrs. Lillian B. Royer, Woodside Road, Ardmore, Pa	2
Mr. Theo. Royer, Champion Paper Cutter Co., Piqua, Ohio	20
Mr. Henry M. Rubel, 229 Race st., Cincinnati, Ohio	10
Miss Laura R. Rudd, care of Chandler & Rudd Co., Cleveland, Ohio	2
Miss Emilie C. Rudolph, room 604, Building	5
Mr. T. S. Rumney, care of Mess. Laidlaw & Co., 14 Wall st., N. Y. City	2
Mr. Cornelius E. Rumsey, care of Mr. Geo. A. Stanton, 45 Cedar st., N. Y. City	50
Mr. Marshall H. Runk, 410 Sansom st., Philadelphia, Pa	20
Mr. Ludwig T. Ruprecht, room No. 207, Building	1
Mr. Philip Ruprecht, room 207, Building	90
Mr. Geo. H. Russel, care of State Savings Bank, Detroit, Mich	50
Mrs. Caroline A. Russell, P. O. Box 159, Quincy, Mass	1
Mr. Harry E. Russell, care of Blodget, Merritt & Co., 36 Nassau st., N. Y. City	1

	Shares.
Mr. Henry E. Russell, New London, Conn	20
Mr. Horace Russell, 280 Broadway, N. Y. City	110
*Estate of Jane C. Russell, care of United States Trust Co., P. O. Box 659, New York City	100
Mrs. Lucy C. Russell, 580 First ave., Troy, N. Y	3
Mrs. Martha Le B. Russell, care of Old Colony Natl. Bank, Plymouth, Mass	5
Mrs. Viola H. Ryder, 604 Burns ave., Wyoming, Hamilton Co., Ohio	10
Mrs. Fannie E. Law Sabel, 117 West 58th st., N. Y. City	15
Mrs. Alice W. Sabine, 960 Madison ave., N. Y. City	2
Miss Julia H. T. Sabine, 760 Madison ave., N. Y. City	1
Miss Mary T. S. Sabine, 960 Madison ave., N. Y. City	1
Mr. Daniel M. Sachs, jr., 802 Kilmer Bldg., Binghamton, N. Y	2
Mrs. Anna P. Sage, care of Emanuel Parker & Co., 15 Wall st., N. Y. City	40
Mr. Frank W. Sage, The Croton, 7th & Race sts., Cincinnati, Ohio	2
Mr. Henry M. Sage, Albany, N. Y	40
William H. Sage et al., tr. for S. M. Sage, 93 State st., Albany, N. Y	100
William H. Sage et al., tr. for S. P. Sage, 93 State st., Albany, N. Y	40
Mr. William H. Sage, Albany, N. Y	350
Mr. G. C. St. John, 143 Liberty st., N. Y. City	151
Mrs. Mary P. St. John, 49 Ridge st., Orange, N. J	200
Florence Helen L. Salaman, 7 Somers pl., Hyde Park, London, W., Eng	3
Mess. Gustav Salomon & Bros., 144 Water st., N. Y. City	3
Mrs. Ella B. Saltonstall, 241 West 101st st., N. Y. City	10
Estate of Alden Sampson, 58 Reade st., N. Y. City	135
Miss Ellen P Sampson, 1644 21st st., Washington, D. C	1
Mrs. Sally P. Sampson, 10 West 48th st., N. Y. City	50
Mrs. Virginia W. Sampson, P. O. Box 299, Cincinnati, Ohio	15
Mr. Edwin W. Sanborn, 60 Trinity pl., Room 2108, N. Y. City	320
Herr Edward Sanders, Rathhausmarkt 2, Hamburg, Germany	250
Herr Hermann Sanders, Rathhausmarkt 2, Hamburg, Germany	250
Herr Ludwig Sanders, Rathhausmarkt 2, Hamburg, Germany	250
Miss Emily Sandford, 64 Washington ave., North Plainfield, N. J	50
Mr. Frederick Sandford, 64 Washington ave., North Plainfield, N. J	50
Mr. Joseph W. Sandford, 11 West 34th st., N. Y. City	84

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Mr. William M. Sandford, 343 East Front st., Plainfield, N. J	95
Mr. Benjamin J. Sands, Port Chester, N. Y	10
Mr. Daniel C. Sands, 238 East 19th st., N. Y. City	50
Mrs. Martha T. Sands, 238 East 19th st., N. Y. City	100
Mr. Norton J. Sands, Port Chester, N. Y	15
Mrs. Anna F. Sanford, care of Mr. E. J. Hancy, 40 Wall st., N. Y. City	12
*Estate of Henry Sanford, care of United States Trust Co., P. O. Box 659, N. Y. City	125
Mrs. Kate Laimbeer Sanford, 7 First pl., Brooklyn, N. Y	76
Mr. William H. Sanford, Lock Box 17, Newtown, Conn	12
Mr. R. Sapio, 3 Marble Arch Mansion, 475 Oxford st. W., London, Eng	10
Mr. Grange Sard, Albany, N. Y	20
Mr. Russell E. Sard, care of Mess. Rathbone, Sard & Co., Albany, N. Y	10
Miss Mary F. Sargent, care of Worcester Natl. Bank, Foster st., Worcester, Mass	1
Mrs. Lizzie Sarles, 250 West 82nd st., N. Y. City	145
Mr. Julius G. Sarran, 1501 Schiller Bldg., Chicago, Ills	75
Mrs. Juliette de C. Sartori, 7427 Boyer st., Mt. Airy, Philadelphia, Pa	3
Mrs. M. M. Satterfield, 1022 Delaware ave., Buffalo, N. Y	30
Est. of Churchill Satterlee, Lenox, Mass	10
Georgiana C. Satterthwaite, Fallsington, Bucks Co., Pa	13
Mrs. Emily M. Saul, care of Mr. F. W. Colton, 25 Fairfield st., Montclair, N. J	3
Mr. Joseph G. Savage, 346 Broadway, room 638, N. Y. City	2
Est. of A. H. Sawyer, care of Mr. A. H. Sawyer, Pelham, N. Y	10
Mrs. Sarah S. Saxe, 37 St. Luke st., Montreal, Canada	40
Mr. Geo. M. Saybolt, room 1508, Building	25
Mrs. Catharine H. Sayer, Clarkson P. O., Ontario, Can	3

	Shares.
Mr. John R. Sayler, 904 Mercantile Library Bldg., Cincinnati, Ohio	20
Mr. Chas. R. Scarborough, 515 Madison ave., N. Y. City	10
Mess. Schafer Bros., 35 Wall st., N. Y. City	10
Mrs. Sophie Scheftel, 20 East 57th st., N. Y. City	100
Mr. William T. Scheide, Titusville, Pa	1,000
Mr. A. M. S. Schenck, The Peoples Trust Co., Brooklyn, N. Y	1
Mr. Charles L. Schenck, care of Peoples Trust Co., Brooklyn, N. Y	1
Mr. Henry de Bevoise Schenck, care of Williamsburgh Trust Co., Brooklyn, N. Y	34
Mrs. Lucy W. Schenck, 3931 Walnut st., Philadelphia, Pa	11
Mrs. Martha McKeen Schenck, 21 West 101st st., New York City	8
Miss Elise H. Schenkberg, Hotel Marseille, 103rd st. & Broadway, N. Y. City	1
Mr. William Schickel, 18th st. & 5th ave., N. Y. City	50
Mr. Grant B. Schley, 80 Broadway, N. Y. City	528
Mr. Peter Schmid, care of Standard Oil Co. of N. Y., Room 1301, Building	60
Mr. Chas. F. Schmidt, jr., 30 West 69th st., N. Y. City	60
Miss Elizabeth Schmidt, 30 West 69th st., N. Y. City	10
Mess. Schmidt & Gallatin, 45 Broadway, New York City	70
Mr. Edgar Schmitt, 45 Broadway, N. Y. City	9
Mr. Joseph Scholl, 2712 Girard ave., Philadelphia, Pa	2
Mr. Wm. J. Scholl, 2712 Girard ave., Philadelphia, Pa	1
Mess. Scholle Bros., 5 Nassau st., N. Y. City	30
Est. J. Stockton Schoonmaker, 1060 Central ave., Plainfield, N. J	100
Mr. S. L. Schoonmaker, 111 Broadway, N. Y. City	100
Mrs. Caroline Schoverling, care of American Petroleum Co., Rotterdam, Holland	4
Caroline W. Schoverling, care of Mr. C. F. Schoverling, New Milford, Conn	2
Mrs. Mary J. Schoverling, New Milford, Conn	1
Mrs. Mathilde D. Schoverling, care of Mr. Carl F. Schoverling, New Milford, Conn	1
Mrs. Ruth Foster Schreiner, 718 Frick Bldg., Pittsburg, Pa	15
Ruth Foster Schreiner, individually ½ share; Ruth Foster Schreiner in trust for Margaret Bruce, ½ share; Ruth Foster Schreiner &c., Frick Bldg., Pittsburg, Pa	1
Mr. H. A. Schroeder, 24 State st., N. Y. City	3
Mrs. Louisa R. Schroeder, 155 East 72nd st., N. Y. City	4
Miss Amelia Schroth, 1319 Elm ave., Camp Wash., Cincinnati, Ohio	6
Miss Clara Schroth, 1319 Elm ave., Camp Wash., Cincinnati, Ohio	6
Mr. Fred Schroth, Cormany & Township sts., Cincinnati, Ohio	50
Mr. John H. Schroth, Township & Mass. sts., Cincinnati, Ohio	6
Miss Lena Schroth, 1319 Elm ave., Camp Wash., Cincinnati, Ohio	6
Mr. Michael Schroth, Township & Mass. sts., Cincinnati, Ohio	6
Mr. Michael Schroth, sr., Cormany & Township sts., Cincinnati, Ohio	2
Laura Schultheis, 2050 Ryer ave., Tremont, N. Y	12
Mess. Schulz & Ruckgaber, 29 William st., N. Y. City	125
Mr. Edward Schulze, 23 William st., N. Y. City	20
Mr. Carl Schutte, Remberti strasse, 18, Bremen, Germany	1,850
Dr. Carl Schutte, Bismarck str., 3, Bremen, Germany	100
Mr. Franz Ernst Schutte, care of Mr. Philip Ruprecht, room 208, building	3,000
Herr Georg Julius Schutte, Parkallee 44A, Bremen, Germany	100
Herr Gustav Schutte, Kohlhocher str., 32, Bremen, Germany	150
Mr. James E. Schuyler, Pine Lake Farm, Cobleskill, N. Y	100
Mr. Wm. Schweckendieck, 116 Broad st., N. Y. City	30
Mr. Charles A. Schwoerer, Hold all communications	6
Mrs. Ida A. Scofield, care of Blandin, Rice & Ginn, 805 Soc. for Savings, Cleve., O	35
Mr. A. B. Scott, care of Peoples Bank, 393 Canal st., N. Y. City	100
Miss Belle A. Scott, The Wyandot, Cleveland, Ohio	5
Mr. W. S. Gurnee, trustee for E. Norman Scott, 80 Broadway, N. Y. City	71
Mrs. Ellen M. Scott, Overbrook, Pa	5
Mr. L. McF. Scott, 574 Washington ave., Brooklyn, N. Y	82
Mrs. Margaret S. Scott, 26 Dupont st., Toronto, Ont	8
Colonial Trust Co., gdn. of Mary Evelyn Scott, 222 Broadway, N. Y. City	4

	Shares.
Mr. W. S. Gurnee, trustee for Mary Evelyn Scott, 80 Broadway, N. Y. City	71
Mrs. May F. Scott, The Croxden, Prospect st., Cleveland, Ohio	45
Mess. Townsend Scott & Son, Baltimore, Md	20
Mrs. Etta T. Scoville, care of Maxwell & Scoville, 3 Broad st., N. Y. City	2
Mrs. Rosalie P. Scranton, care of Mr. Thos. S. Paul, Belvidere, N. J.	4
Mr. Edwin J. Scrymzer, 80 South st., N. Y. City	1
Mrs. Lucy W. Seagrave, 609 New England Bldg., Cleveland, Ohio	1
Mrs. Mary G. Seagrave, 119 Benefit st., Providence, R. I	1
*Charles Seasongood, care of Mr. C. J. Goldberg, care of Mr. Lewis Seasongood, 1101 Union Tr. Bldg., Cinti., O	55
Mr. Clifford Seasongood, 43 Cedar st., N. Y. City	2
Mr. Clifford Seasongood, care of Mr. Lewis Seasongood, 1101 Union Tr. Bldg., Cinti, O	15
Mrs. Ida Seasongood, 37 East 72nd st., N. Y. City	2
Mrs. Caroline B. Seavey, Marshfield, Mass	6

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Mrs. Mary T. Seccomb, care of Franklin Trust Co., Brooklyn, N. Y	13
Mrs. Gertrude H. Seeligman, 472 West End ave., N. Y. City	3
United States Trust Co., executor of estate of Mrs. E. L. Seeley *United States Trust Co., 45 & 47 Wall st., N. Y. City	15
Mrs. Helen Seely, 219 Grandin rd., E. Walnut Hills, Cincinnati, Ohio	117
Miss Helen Seely, 2219 Grandin road, Cincinnati, Ohio	11
Mr. Albert H. Seep, Oil City, Pa	10
Mr. Arthur F. Seep, Oil City, Pa	20
Mrs. Elizabeth Seep, 4229 Allison st., Norwood, Ohio	10
Est. of Henry Seep, care of Mr. Jos. Seep, Titusville, Pa	35
Mr. Herbert B. Seep, Titusville, Pa	20
Mr. Jos. Seep, Oil City, Pa	600
Mrs. Kate Seep, care of Mr. Jos. Seep, Oil City, Pa	5
Mrs. Margaret Seep, Titusville, Pa	10
Miss Mary K. Seep, 4229 Allison st., Norwood, Ohio	10
Mrs. Louisa Seibel, 1319 Elm ave., Camp Wash., Cincinnati, Ohio	6
Mr. Edwin V. D. Selden, Oil City, Pa	1
Miss Susan E. Selden, 363 Pearl st., Cleveland, Ohio	20
Mess. J. & W. Seligman & Co., 1 William st., N. Y. City	50
Miss Frances A. Sellers, Natl. Transit Bldg., care of R. S. Hampton, Oil City, Pa	10
Mr. J. Harry Selz, Market & Monroe st., Chicago, Ill	10
Mr. John G. Semple, 504 Chestnut st., Pottstown, Pa	5
Mrs. Delia A. Senter, 494 Kensington pl., Pasadena, Cal	125
Mme. Jeanne Serriere, 9 Rue Tanny Peccot a Nantes, Loire Infre, France	1
Est. of Sarah R. Seton, dec'd, care of Mess. Blake Bros. & Co., 5 Nassau st., N. Y. City	1
Mr. L. H. Severance, room 479, "The Arcade," Cleveland, Ohio	7,440
Mrs. Josephine Hyde Sexton, Hempstead, Long Island	116
Mrs. Rebecca N. Seymour, 37 St. Pauls pl., Brooklyn, N. Y	1
Mr. Bernard M. Shanley, jr., 993 Broad st., Newark, N. J	15
Mrs. Mary A. Shapleigh, Jackson, N. H	50
Mrs. Mina E. Shapleigh, careof Mr. Augustus Wessel, 13 E. 2nd st., Cincinnati, O	100
Mrs. Emma Carter Sharp, Steubenville, Ohio	50
Mr. James R. Sharp, care of The Texas Co., Houston, Texas	10
Mrs. Frances A. Sharpe, Sharpes, Brevard Co., Fla	2
Mr. Charles G. Shaw, care of Mr. Frank D. Shaw, 120 Broadway, N. Y. City	13
Mrs. Charlotte H. Shaw, Jackson Health Resort, Dansville, N. Y	1
Mr. Thomas B. Shaw, box 874, Worcester, Mass	1
Mrs. Deborah Shedd, 43 Willow st., Stamford, Conn	25
Mr. William H. Sheehy, 100 East 17th st., N. Y. City	5
Mr. Adolph Sheftel, P. O. B. 2398, New York City	100
Mrs. Annie M. Sheldon, care of Bay State Trust Co., 222 Boylston st., Boston, Mass	15
Mr. Frederick Sheldon, 193 Madison ave., N. Y. City	100
Mrs. Mary L. Sheldon, Oil City, Pa	6

	Shares.
Mr. A. Outram Sherman, trustee, 40 Wall st., New York City	20
Dr. Geo. G. Shelton, Ridgefield, Conn	500
Dr. A. Warner Shepard, 126 Willoughby st., Brooklyn, N. Y	100
Mrs. Clara A. Shepard, 15 John st., Chelsea, Mass	5
Miss Lydia C. Sheppard, 7 Avalon ave., Jamaica, N. Y	2
Mrs. Cousie B. Sheppey, care of Mess. Berdan & Co., Toledo, Ohio	10
Mr. Edward H. Sherburne, care of Boston Plate & W. Glass Co., 261 A st., Boston, Mass	6
Mrs. Emma F. Sherburne, care of Chas. W. Dimick, 216 Washington st., Boston, Mass	5
Mr. Frank S. Sherburne, care of Boston Plate & W. Glass Co., 261 A st., Boston, Mass	6
Miss Caroline A. Sherman, care of Lincoln Natl. Bank, 32 E. 42nd st., N. Y. City	6
Mr. Freeman C. Sherman, P. O. Box 107, New Haven, Conn	10
Mrs. Janet M. Sherman, care of Mr. A. Outram Sherman, 40 Wall st., N. Y. City	15
Miss Clara P. Sherwin, 8117 Euclid ave., Cleveland, Ohio	100
Miss Eleanor M. Sherwin, Fiske Cottage, Wellesley, Mass	4
Mr. Wm. Shillaber, 60 Wall st., N. Y. City	115
Mrs. Juliette Shindler, care of Knickerbocker Tr. Co., 66 Broadway, N. Y. City	35
Ills. Trust & Savings Bank, exr. of Daniel B. Shipman, Chicago, Ill	200
Mr. F. B. Shoemaker, care Northern Natl. Bank, Toledo, Ohio	10
Mrs. Kate L. Shoemaker, care of Northern Natl. Bank, Toledo, Ohio	10
Mrs. Romonia A. Shotwell, 200 West 71st st., N. Y. City	6
Mr. John H. Shults, Port Chester, N. Y	20
Mrs. Metta E. Sibley, care of Mr. Wm. McCalmont Wilson, Franklin, Venango, Co., Pa	20
Mr. George M. Sicard, 320 Central Park West, N. Y. City	30
Mr. Gustavus Sidenberg, 20 Broad st., New York City	15
Mr. Samuel Siegel, care of The Kelly Furn. Co., 6th & Central ave., Cincinnati, O	2
Herr Edmund J. A. Siemers, Dornbusch 12, Hamburg, Germany	200
Mr. Henry Sillcocks, 60 Wall st., N. Y. City	5
Mr. Warren S. Sillcocks, 30 Washington pl., N. Y. City	5
Mrs. Clara H. Simmons, care of Mr. Theodore Simmons, room 800, Building	14
Mr. Theodore Simmons, care of The Atlantic Refining Co., Point Breeze, Phila., Pa	1
Mr. I. M. Simon, care of Mess. Kohn & Co., St. Louis, Mo	25
Mrs. Jessie V. Simons, care of Rutter & Gross, 40 Exchange pl., N. Y. City	2
Mr. William C. Simons, 381 Main st., Springfield, Mass	5
Mrs. Teresa L. Simpson, Westchester ave. & Southern boulevard, N. Y. City	10
Mrs. Charles A. Singer, Larchmont-on-Sound, New York	10
Mr. Charles J. Singer, 135 Adams st., room 905, Chicago, Ill	10
Mrs. Carrie G. Sisson, Stoughton, Mass	1
Mr. M. M. Skiff, Jamestown, N. Y	50
Mr. H. J. Skinner, 45 Broadway, N. Y. City	30
Mrs. Maria Skinner, 44 Mount Union st., East Cleveland, Ohio	2
Mrs. Sarah E. Skinner, Holyoke, Mass	15
Mr. Thomas J. Skinner, 24 Summer st., Boston, Mass	1
Mr. William Skinner, jr., Holyoke, Mass	60
Mr. Abraham Slater, Port Chester, N. Y	20
Mrs. Mabel Slater, Webster, Mass	3
Mrs. Lena de S. Slattery, Athens, Ohio	1
Mrs. Emma F. Slauson, 2 West 83rd st., N. Y. City	10
Mrs. Maria W. Sleeper, 336 Beacon st., Boston, Mass	3
Mrs. Mary C. Sleeper, Lexington, Mich	150
Mrs. Ella S. Sleicher, 710 Madison ave., Albany, N. Y	9

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Mrs. Julia Rapallo Sloan, 20 William st., N. Y. City	2
Mrs. Katharine C. Sloan, 20 William st., N. Y. City	7
Mr. Samuel Sloan, jr., 20 William st., N. Y. City	3

	Shares.
Miss Evelyn Sloane, 884 Broadway, N. Y. City	130
Mrs. Lucy G. Slocovich, New Brunswick, N. J	5
Harry W. Newcomb, admr. est. of Emma W. Small, 701 17th st., Denver, Colo	18
Mr. Henry C. Smart, care of Standard Oil Co., Pratt Wks., North 12th st., Brooklyn, N. Y	4
Mr. A. Smedley, Oil City, Pa	50
Mrs. Lucy T. Smelzer, 55 Chestnut st., Albany, N. Y	1
Est. of Francis P. Smiley, 182 West Manheim st., Germantown, Phila., Pa.	20
Mr. A. V. S. Smith, room 16, Park Bldg., Jacksonville, Fla	1
Mr. Albert Smith, 23 Wall st., New York City	407
Alice M. Smith, 32 Maple st., Waterbury, Conn	5
Miss Anna E. Smith, Park Ave. Hotel, N. Y. City	10
Miss Annie B. Smith, St. Albans, Vt	10
Mr. Augustine J. Smith, 132 Nassau st., New York City	1
Mr. Augustine J. Smith, care of The Clarksburg Telegram, Clarksburg, W. Va	17
Buckingham Smith Benevolent Ass'n, care of Union Trust Co., 80 Broadway, N. Y. City	30
Mr. C. A. H. Smith, 145 West 58th st., N. Y. City	10
Mrs. E. L. Smith, Warren, Pa	3
Mr. Edward C. Smith, St. Albans, Vt	10
Mr. Edward C. Smith, exr., St. Albans, Vt	50
Mr. Edward R. Smith, 655 St. Marks ave., Brooklyn, N. Y	2
Mrs. Eleanor F. Smith, 50 Washington ave., Schenectady, N. Y	5
Mrs. Elizabeth T. Smith, 9 West 54th st., N. Y. City	10
Mr. Floyd R. Smith, 233 Decatur st., Brooklyn, N. Y	5
Mrs. Frances C. Smith, 39 West 37th st., New York City	510
Mrs. Frances T. Smith, 284 Halsey st., Brooklyn, N. Y	3
Mr. Frank A. Smith, 85 St. Paul st., Brookline, Mass	1
Mr. George Gregory Smith, care of Gov. E. C. Smith, St. Albans, Vt	10
Mr. Albert S. Parsons, exr. est. of Geo. O. Smith, Lexington, Mass	5
* Mr. J. Howard Wright, room 56, 2 Wall st., N. Y. City (J. Howard Wright, trustee for Helen M. Smith)	5
Mr. Henry King Smith, 22 William st., N. Y. City	3
Mr. James Smith, room 900, Building	60
Mrs. Jane Noyes Smith, 201 West 55th st., N. Y. City	2
Mr. John F. Smith, New Hartford, Conn	10
Mr. Joseph A. Smith, care of Standard Oil Co. of N. Y., Portland, Me	5
Mrs. Katharine Hogg Smith, 172 south 9th st., Brooklyn, N. Y	25
Mr. L. O. Smith, 715 Arch st., Philadelphia, Pa	50
Mrs. Lizzie C. Smith, 411 West End ave., N. Y. City	5
Miss Lizzie M. Smith, P. O. box 64, St. Augustine, Fla	3
A. Denniston Smith, guardian of Martha S. Smith, Mr. A. Denniston Smith, gdn., care of Mr. G. W. Rathbone, 818 Elm st., Cincinnati, Ohio	6
Mrs. Mary Stanley Smith, care of Newport Natl. Bank, Newport, Ky	84
Mrs. Parmelia D. Smith, 180 Berkeley pl., Brooklyn, N. Y	3
Est. of Stewart W. Smith, care of U. S. Trust Co. of N. Y., 45 Wall st., N. Y. City	10
Mr. Thomas B. Smith, box 290, N. Y. City	9
Mr. W. Snowdon Smith, 705 James st., Syracuse, N. Y	50
Mess. James D. Smith & Co., 71 Broadway, City	545
Mrs. Adaline M. Snedeker, 116–118 Franklin st., N. Y. City	35
Mr. Albert W. Snedeker, 114 west 126th st., N. Y. City	1
Est. of Dominicus Snedeker, 116–118 Franklin st., N. Y. City	15
Mr. Wm. R. Snedeker, 118 Franklin st., N. Y. City	30
Mrs. Adaline A. Snider, care of Mr. Martin Snider, Standard Block, Cleveland, Ohio	50
Mr. Martin Snider, 719 Hickox Bldg., Cleveland, Ohio	400
Mr. Joseph F. Snipes, 437 West 57th st., N. Y. City	60
Mr. Thos. E. Snook, 73 Nassau st., N. Y. City	3
Mrs. Delia Snow, 174 Washington st., Titusville, Pa	60
Mr. Franklin A. Snow, 165 Devonshire st., Boston, Mass	9
Miss Marguerite E. Snow, care of Mr. James P. Snow, 21 Maiden Lane, N. Y. City	14

	Shares.
Mrs. Mary B. Snow, Allyn House, Hartford, Conn	10
Mrs. Valeria E. Snow, care of Mr. James P. Snow, 21 Maiden Lane, N. Y. City	8
Mr. Walter N. Snow, Greenfield, Mass	5
Mr. Isaac N. Solis, 20 West 48th st., N. Y. City	5
Miss Kate Somers, Summit, N. J	125
Mr. Isaac H. Sonn, Chatham, N. Y	10
Mrs. Rosa Sonn, 149 Church st., N. Y. City	4
Mess. Sonn Bros., 149 Church st., N. Y. City	15
Mr. John M. Sonne, Warren, Pa	4
Mr. Julio F. Sorzano, 228 Garfield pl., Brooklyn, N. Y	3
Mr. Geo. F. Southard, 703 R. A. Long Bldg., Kansas City, Mo	10
Mr. George L. Southard, Southard, Oklahoma Ter	11
Mrs. Lilla H. Southard is to be addressed as Mrs. Geo. F. Southard; Mrs. Geo. F. Southard, 1301 East 33rd st., Kansas City, Mo	26
Miss Alice E. Southerland, Darien, Conn	8
Mr. C. E. Southerland, care of Standard Oil Co., No. 10th st., Brooklyn, N. Y	4
Miss Carrie E. Southerland, Darien, Conn	8
Miss Julia L. Southerland, Darien, Conn	8
Mrs. Cornelia E. Southworth, Batavia, N. Y	15
Mr. Louis R. Southworth, 257 West 23rd st., N. Y. City	1
Mr. C. J. Sowers, 804 Gt. Northern Bldg., Chicago, Ill	8
Mr. Louis W. Spangehl, 100 Reade st., N. Y. City	6
Mr. Arthur Spangler, 212 West 69th st., N. Y. City	1
*Mrs. Ellen M. Spear, Holbrook, Mass	50
Ellen M. Spear, executrix	81
Mrs. Mary A. Spear, care of The Garfield Savings Bank Co., Cleveland, Ohio	13
The Alden Speare's Sons Co., 369 Atlantic ave., Boston, Mass	60
Mr. Charles D. Spencer, 109 West 76th st., N. Y. City	10
Mrs. Eleanor H. Spencer, 117 W. Jersey st., Elizabeth, N. J	4
Union Trust Co., trustee for Emily M. R. Spencer, 80 Broadway, N. Y. City	14
Mr. J. C. Spencer, care of Mr. Robert W. Tailer, 76 William st., N. Y. City	25
Miss Lena M. Spencer, care of Savings & Trust Co., 44 Euclid av., Clevel'd, Ohio	10
Mrs. Mary M. Spencer, care of B. Vaughan, 89 State st., Boston, Mass	18
Mr. Frederick Speth, care of Am. Petroleum Co., Antwerp, Belgium	25
Mr. Wm. A. Spies, 346 Broadway, New York City	10
Mr. Adelbert L. Spitzer, Toledo, Ohio	25
Mess. Chas. H. Spitzner & Son, 165 Front st., N. Y. City	50

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Mrs. Minnie E. Splane, Oil City, Pa	10
Mr. Wm. W. Splane, Oil City, Pa	100
Mrs. Mary P. Spong, care of 1st Natl. Bank, Newtown, Bucks Co., Pa	111
Mess. Springs & Co., Cotton Exchange, N. Y. City	1
Miss Adelia R. Sproul, Waldoboro, Maine	1
Miss Emilene Spry, 1101 Forest ave., Evanston, Cook Co., Ill	2
Mrs. Jennie W. Spry, 1101 Forest ave., Evanston, Cook Co., Ills	10
Mrs. Louisa C. Squire, care of Mr. F. B. Squire, Standard Blk., Cleveland, O	12
Mrs. Mary E. Squires, Seville, Ohio	25
Mr. Edward L. Stackhouse, Fallsington, Bucks Co., Pa	3
Mrs. Phebe J. Stadlmair, 42 South Oxford st., Brooklyn, N. Y	58
Alexander McDonald, gdn. of Helena McDonald Stalle, box 272, Covington, Ky	333
Alexander McDonald, gdn. of Laura McDonald Stalle, box 272, Covington, Ky	333
Mr. Edward O. Stanley, 146 Broadway, N. Y. City	10
Mr. Ethan B. Stanley, care of Newport Natl. Bank., Newport, Ky	71
Mr. Frank W. Stanley, 150 Nassau st., room 535, N. Y. City	15
Mrs. Florence J. W. Stanton, 131 Main st., Hoosick Falls, N. Y	2

	Shares.
Stark Paper Company, North Bennington, Vt	100
Lt. Col. C. G. Starr, care of Capt. E. O. Sarratt, Fort Hamilton, N. Y	15
Mr. Howard White Starr, care of Mr. Theodore B. Starr, 206 5th ave, N. Y. City	68
Mr. Louis Morris Starr, 206 Fifth ave., N. Y. City	63
Mr. Theodore B. Starr, 206 Fifth ave., N. Y. City	5
The State Banking & Tr. Co., 166 Euclid ave., Cleveland, Ohio	40
Col. C. A. Stedman, care of Mr. T. N. Foster, Llewellyn Park, Orange, N. J	28
Mrs. Isabel D. Stedman, care of Mr. T. N. Foster, Llewellyn Park, Orange, N. J	300
Mr. Robt. B. Steele, exr. est. of Mary R. Steele, 12 John st., N. Y. City	5
Mr. Amos Steffee, 25 Broad st., N. Y. City	1
Mrs. Amy E. Stein, care of Mess. Simon Berg & Co., 20 Nassau st., N. Y. City	5
Mr. Fred M. Stein, care of Mess. Simon Berg & Co., 20 Nassau st., N. Y. City	5
Mr. Nathan Stein, care of Stein Bloch Co., Rochester, N. Y	25
Mrs. Pauline Stein, care of Mess. Simon Berg & Co., 20 Nassau st., N. Y. City	20
Mr. Richard Stein, 79 East 79th st., N. Y. City	3
Mr. Jacob Steinfeld, 242 Superior st., Cleveland, Ohio	5
Mrs. Carrie Steinhardt, 59 West 73rd st., N. Y. City	4
Mr. Jacob Steinhart, 68 William st., N. Y. City	50
Hannah E. Underwood Stephens, box 1242, Pittsfield, Mass	25
Mess. T. W. Stephens & Co., 2 Wall st., N. Y. City	1
Mr. John W. Sterling, 44 Wall st., N. Y. City	200
John W. Sterling and Central Trust Co. of N. Y., trustees	120
Mrs. Mary L. Sterling, 51 East Park st., E. Orange, N. J	20
Mr. Willis B. Sterling, 939 Euclid ave., Cleveland, Ohio	200
Mrs. Emma V. Stern, care of Mr. Jacob Wertheim, 763 5th ave., N. Y. City	4
Mr. Geo. W. Stern, 30 Broad st., N. Y. City	4
Mr. Sigmond Stern, 40 Exchange pl., N. Y. City	10
Miss Carrie M. Sternbach, 1 West 81st st., The Beresford, N. Y. City	3
Miss Ida Sternbach, 1 West 81st st., The Beresford, N. Y. City	1
Mrs. Birdie S. Sternberger, 102 West 75th st., N. Y. City	5
Catherine Cleveland Sterry, Hot Springs, Va	50
Mr. Fred Sterry, care of Fifth Ave. Bank, N. Y. City	100
Mr. Leland Sterry, Bryn Mawr, Pa	8
Mrs. Mary E. Sterry, care of Mr. Fred Sterry, Hot Springs, Va	10
Mr. Geo. H. Stetson, 66 Broad st., N. Y. City	25
Mr. George E. Stevens, 92 William st., N. Y. City	29
Mrs. Henrietta B. Stevens, 931 West 6th st., Plainfield, N. J	7
H. B. Stevens & F. B. Clacy, 1127 Dunellen ave., Plainfield, N. J	1
Est. of Isaac Stevens, care of Mr. Walter H. Mead, 67 Wall st., N. Y. City	50
Mrs. Julie B. Stevens, 365 Beacon st., Boston, Mass	10
Mr. Junius M. Stevens, 815 Carroll st., Brooklyn, N. Y	5
Mr. James W. Stewart, Williamson Bldg., Cleveland, Ohio	3
Mess. Wm. H. Stewarts' Sons, 611 Mercantile Library Bldg., Cincinnati, Ohio	115
Mrs. Lucy I. Stickney, 23 Rowena st., Dorchester Center, Mass	2
Mrs. Nettie M. Stickney, 143 Massachusetts ave., Boston, Mass	1
Mr. William D. Stiger, 31 Nassau st., N. Y. City	4
Mr. James Stillman, 52 Wall st., N. Y. City	78
Miss Jennie C. Stilson, 37 East 71st st., N. Y. City	10
Mr. Frank A. Stivers, Ripley, Ohio	2
Mr. John Robert Stivers, Ripley, Ohio	2
Mrs. Alice Stobo, 339 West 86th st., N. Y. City	20
The Hudson Trust & Savings Institution, trustee of the estate of Robert Stobo, deceased; the Hudson Trust & Savings Institution, Hoboken, N. J	210
United States Tr. Co., trustee for Charles B. Stockwell, 45 Wall st., N. Y. City	420
Mrs. Cornelia R. Stockwell, care of J. N. Stockwell, jr., Cuyahoga Building, Cleveland, Ohio	2
Mrs. M. Louise Stockwell, care of C. T. Cook, 15 Union sq. W., N. Y. City	100

	Shares.
Mr. Charles D. Stoddard, Marshfield Hills, Mass	5
Mrs. Ernestina H. Stoeltzing, 10609 Kimberly ave. NE., Cleveland, Ohio	26
Mr. Henry B. Stokes, 66 Broadway, N. Y. City	5
Mr. Albert Stone, P. O. Box 3209, Boston, Mass	100
Mr. Albert Stone, jr., Box 3209, Boston, Mass	5
Mrs. Anna H. Stone, Box 3209, Boston, Mass	5
Mr. C. Moulton Stone, 456 Benefit st., Providence, R. I	10
Mr. Edwin P. Stone, box 3209, Boston Mass	10
Mrs. Emma F. Stone, 161 Washington st., care of Mr. M. E. Stone, N. Y. City	100
Mr. J. Sidney Stone, 60 Brattle st., Cambridge, Mass	1
Mrs. Kate W. Stone, 16 East 35th st., N. Y. City	15
Miss Lucy Stone, 1 Pine st., Binghamton, N. Y.	1
Mr. W. H. Stone, Binghamton, N. Y.	45
Mess. Stone & Gray, 71 Broadway, N. Y. City	15

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Mr. Milton Storer, 1701 Sixth ave., Des Moines, Iowa	15
Mrs. Elizabeth C. Story, Freeport, L. I	5
Mr. E. T. Stotesbury, care of Mess. Drexel & Co., Philadelphia, Pa	15
Mr. Samuel K. Stoutenburgh, 238 East 19th st., N. Y. City	25
Mrs. Edithe A. Stralem, care of Mess. Hallgarten & Co., 5 Nassau st., N. Y. city	1
Mrs. Jennie T. Strange, Ridgewood, Bergen Co., N. J.	5
Mr. H. L. Stratton, exr., est. of Amos B. Stratton, 42 Broadway, N. Y. City	24
Mr. Emanuel K. Straus, 8518 Linwood ave., Cleveland, Ohio	5
Mr. Emil Strauss, 215 Superior st., Cleveland, Ohio	30
Mrs. Emma Ferdinand Strauss, 1171 Willson ave., Cleveland, Ohio	56
Mr. Frank V. Strauss, 112 Wooster st., N. Y. City	103
Mrs. Isaac Strauss, 994 Case ave., Cleveland, Ohio	56
Mrs. Mary Ludlow Streit, care of Mr. S. F. Streit, 66 Broadway, N. Y. City	12
Mrs. Kate E. Strickland, 258 Courtland st., Bridgeport, Conn	5
Mr. W. W. Strickler, 58 Coal & Iron Exch. Bldg., care of H. S. Norris, Buffalo, N. Y	30
Est. of Bessie R. Strong, care of Bankers Trust Co., 7 Wall st., N. Y. City	120
Mr. Charles A. Strong, care of Bankers Trust Co., 7 Wall st., N. Y. City	20
Mr. Colin R. Strong, 18 Exchange st., Manchester, England	230
Mrs. Elizabeth J. Strong, 527 West 3rd st., South Oil City, Pa	41
Mr. Frederick A. Strong, 2211 Main st., Bridgeport, Conn	5
Mrs. May W. Strong, 2211 Main st., Bridgeport, Conn	4
Mr. Thos. W. Strong, care of Union League Club, N. Y. City	50
Exrs. of est. of Wm. E. Strong, care of Strong, Sturgis & Co., 36 Broad st., N. Y. City	50
Mess. Strong, Sturgis & Co., 36 Broad st., N. Y. City	235
Mr. Leon E. Stropp, 52 William st., N. Y. City	115
Mr. Dorr J. Stryker, Rockland, Maine	7
Henry Alexander Studwell, 41 Monroe pl., Brooklyn, N. Y Henry Alexander Studwell's Sept. cks to Franklin Trust Co Franklin Trust Co., Montague st., Brooklyn, N. Y	25
Mr. Stephen Perry Sturges, 55 Liberty st., N. Y. City	10
Mr. Julius A. Stursberg, care of W. Stursberg, Schell & Co., 79 Leonard st., N. Y. City	325
Mr. Wm. Stursberg, 79 Leonard st., N. Y. City	50
Mr. Arthur T. Sullivan, 66 Broadway, N. Y. City	50
Mrs. Helen Sullivan, care of Mr. Lynde Sullivan, 40 Water st., Boston, Mass	10
Miss Helen L. Sullivan, 2 Woodland road, Malden, Mass	10
Mrs. Mary Mildred Sullivan, care of Mr. George H. Sullivan, 49 Wall st., N. Y. City	6
Mr. Chas. A. Sutfield, Det Danske Petroleums Aktieselkaab, Copenhagen, Den	29

	Shares.
Miss Emma R. Sutfield, care of the Fidelity Trust Co., Louisville, Ky	29
Miss Florence O. Sutfield, care of the Fidelity Trust Co., Louisville, Ky	28
Mrs. Anna C. Sutherland, care of Mr. J. A. Bennett, atty., 4 Irving pl., N. Y. City	60
Mr. Walter J. Sutherland, 110 East 125th st., N. Y. City	1
Mr. Lionel Sutro, 44 Pine st., N. Y. City	55
Mess. Sutro Bros. & Co., 44 Pine st., N. Y. City	125
Mrs. Maria L. Sutton, 156 West 78th st., N. Y. City	5
Charles H. Lott and Adolphus Bennett, trustees for Florence G. Suydam C. H. Lott et al. trustee for Gerturde H., Florence G., & Jas. G. Suydam, go to C. H. Lott	10
Charles H. Lott and Adolphus Bennett, trustees for Gertrude H. Suydam * Mr. C. H. Lott, 206 Broadway, New York City	10
Charles H. Lott and Adolphus Bennett, trustees for James G. Suydam	10
Mr. Walter L. Suydam, Blue Point, Suffolk Co., N. Y	20
Mrs. Cornelia L. Swaine, 231 Van Buren st., Brooklyn, N. Y	12
Mr. Joe W. Swaine, 231 Van Buren st., Brooklyn, N. Y	16
Mr. Alden S. Swan, 151 Maiden Lane, N. Y. City	100
Mrs. M. L. Swan, trustee for D. M. Swan, 37 Riverside drive, N. Y. City	1
Mrs. M. L. Swan, trustee for H. T. Swan, jr., 37 Riverside drive, N. Y. City	3
Mrs. Marie Louise Swan, 37 Riverside drive, N. Y. City	7
Mrs. Mary H. Swan, care of Mr. H. H. Swan, care of H. B. Claflin & Co., N. Y. City	9
Mr. John Swan, 32 South st., N. Y. City	10
Mr. Robert T. Swan, The Beaconsfield, Brookline, Mass	4
Mrs. Sarah L. Swan, 1225 State st., Emporia, Kas	25
John Swan, trustee, care of Mess. Swan & Son, 32 South st., N. Y. City	10
Mr. Fred D. Swasey, 278 State st., Portland, Maine	1
Mess. Edward Sweet & Co., 38 Broad st., N. Y. City	60
Mr. Henry C. Swords, 32 Nassau st., N. Y. City	50
Mr. E. T. Symons, care of Mr. J. C. Symons, 17 Battery Pl., N. Y. City	2
Mrs. Eliza S. Taber, 42 West 9th st., New York City	10
Mrs. Kate B. Taber, 763 Bloomfield ave., Montclair, N. J	30
Mrs. Mary L. Tack, 329 Broad st., Sewickley, Pa	88
Mrs. Kate P. Taft, Holyoke, Mass	15
Mr. Allen B. Talcott, Old Lyme, Conn	8
Mr. Charles H. Talcott, 19 Woodland st., Hartford, Conn	10
Mess. Henry Talmadge & Co., 50 Pine st., N. Y. City	2
Mrs. Eleanor M. Talmage, 1400 Massachusetts ave., Washington, D. C	15
Mr. John F. Talmage, 25 Broad st., N. Y. City	210
Mr. C. V. Tappen, 340 Broadway, N. Y. City	3
Mrs. Catharine V. Tappen, 263 West 73rd st., N. Y. City	10
Mr. James M. Tappen, 340 Broadway, N. Y. City	3
Mr. Chas. L. Tappin, Babylon, L. I	200
Miss Anne M. Taylor, 213 E. Union st., Burlington, N. J	2
Mr. Archibald Taylor, 6 Highland ave., Middletown, N. Y	2
Mr. Chas. L. Taylor, Carnegie Bldg., Pittsburg, Pa	150
Miss Cornelia A. Taylor, Pawling, Dutchess Co., N. Y	120
Mrs. Edith B. Taylor, care of Mr. Moses Taylor, 100 Broadway, N. Y. City	100
Mrs. Emma C. Taylor, 26 West 82nd st., N. Y. City	2
Mrs. Emma Flower Taylor, Watertown, N. Y	500
Mrs. Etta L. Taylor, Hotel St. George, Brooklyn, N. Y	10
Mrs. Fannie T. Taylor, Madison ave. & 49th st., The New Weston, N. Y. City	5
Mr. George L. Taylor, care of Fifth Ave. Bank, 530 Fifth ave., N. Y. City	10
Mr. Hamilton R. Taylor, Pine Bush, Orange Co., N. Y	2
Mrs. Helen B. Taylor, Westport, Conn	1
Mrs. Henrietta S. Taylor, 1036 Broad st., Newark, N. J	1
Mr. Henry C. Taylor, 35 Richards st., Worcester, Mass	5
Mrs. Jenny S. Taylor, Winchester, Mass	3
Mr. John B. Taylor, Newport, Ky	40
Mr. John C. R. Taylor, Middletown, N. Y	2
Mr. Louis C. Taylor, care of Fifth Ave. Bank, 530 Fifth ave., N. Y. City	10

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	Shares.
Miss Mary J. Taylor, care of Mr. Benj. S. Pettingell, 4 Benson st., N. Y. City	4
Mrs. Mary S. Taylor, care of Mr. S. St. J. McCutchen, 76 William st., N. Y. City	10
Trustees for Susan Ames Taylor, 94 Ames Bldg., Boston, Mass	3
Mr. W. L. Taylor, Westport, Conn	1
Mr. Walter C. Teagle, room 705, Building	18
Mr. A. R. Gilchriste, tr. for Helen Telfer, care of A. Wardwell, room 801, Building	3
Mrs. Jennie R. Teller, Kingston, N. Y	75
Mr. W. C. Temple, trustee, Point Loma, Cal	75
Mr. Edward M. Temple, 177 Main st., Nashua, N. H	2
Mrs. Ada S. Ten Eyck, 304 W. Beard ave., Syracuse, Onon. Co., N. Y	27
Mrs. Caroline E. Ten Eyck, 225 State st., Albany, N. Y	5
Mr. W. Bryden Tennant, P. O. box 168, Richmond, Va	10
Mrs. Fanny E. Terriberry, 201 Steward ave., Ithaca, N. Y	3
Connecticut Trust & Safe Deposit Company, trustee for Frederick M. Terrill & Katherine A. Terrill, under the will of Ellen S. Terrill *Conn. Trust & Safe Dep. Co., Hartford, Conn	25
Mrs. T. McGregor Terry, Mamaroneck, N. Y	2,136
Mr. John R. Teufel, Parma, Ohio	2
Fidelity Title & Tr. Co., tr'tee Alice Cornelia Thaw, Pittsburg, Pa	400
Fidelity Title & Trust Co. & J. D. Lyon, trustees for Alice Cornelia Thaw * Fidelity Title Tr. Co. & J. D. Lyon, trustees, Pittsburg, Pa.	426
Mr. Benj. Thaw, room 1705, 401 Wood st., Pittsburg, Pa	825
* Fidelity Title & Trust Co., Pittsburg, Pa. Fidelity Title & Trust Co., trustee for Edward Thaw	200
Mrs. Elizabeth D. Thaw, care of Union National Bank, Pittsburg, Pa	619
* Fidelity Title & Trust Co., Pittsburg, Pa. Fidelity Title & Trust Co., trustee for Henry Kendall Thaw	200
* The Safe Deposit & Trust Co. of Pittsburg, Pittsburg, Pa The Safe Deposit & Trust Company of Pittsburgh, trustee for Josiah Copley Thaw	326
Fidelity Title & Tr. Co., trustees, Margaret Thaw, Pittsburg, Pa	626
* Mr. Frank Semple, P. O. box 1066, Pittsburg, aP. Mary C. Thaw	1,400
Miss Ann Maria Thayer, box 238, Holbrook, Mass	3
Mrs. Anna E. Thayer, 183 Cumberland st., Brooklyn, N. Y	10
Mrs. Emma D. Thayer, 622 Washington ave., N., Lansing, Mich	50
Mrs. Emma W. Thayer, 183 Cumberland st., Brooklyn, N. Y	10
Mrs. Florence S. Thayer, 973 Main st., West Worcester, Mass	2
John C. Dawes & Flora L. Bartlett, trustees, for Laura M. Thayer, Kingston, Mass	5
Mr. Allen M. Thomas, 35 West 54th st., N. Y. City	10
Mr. Arthur Cecil Thomas, Fairpark, Exeter, England	25
Mr. Frederic C. Thomas, 26 East 41st st., N. Y. City	145
Mr. Garvin Thomas, 610 W. Chestnut st., Louisville, Ky	2
Mrs. Georgine H. Thomas, 3003 Vernon pl., Cincinnati, Ohio	300
Mr. H. M. Thomas, 125 East Third st., Long Island City	30
Mr. James Langdon Thomas, Exeter, England	25
Mrs. Kate B. Thomas, 610 West Chestnut st., Louisville, Ky	10
Miss M. E. Thomas, 1511 W. Franklin st., Baltimore, Md	4
Mrs. Margaret S. Thomas, care Mr. Hector W. Thomas, 25 Pine st., N. Y. City	5
Mrs. Abby S. Thompson, 297 Madison ave., N. Y. City	20
Miss Anna Key Thompson, care of 5th Ave. Bank, 530 5th ave., N. Y. City.	2
Mrs. Annie T. Thompson, 8906 Euclid ave., Cleveland, Ohio	200
Miss Caroline B. Thompson, 393 Fourth st., Brooklyn, N. Y	5
Mrs. Edith Blight Thompson, Westbury, L. I	16
Miss Ethel Thompson, 30 East 55th st., New York City	100
Mrs. Geraldine L. Thompson, Red Bank, N. J	200
Mrs. H. A. Thompson, 30 East 55th st., New York City	1,040
Mr. Henry S. Thompson, Field Point, Greenwich, Conn	100

	Shares.
Rev. Isaac M. B. Thompson, 65 Western ave., Morristown, N. J	24
Mrs. Isabel Holmes Thompson, 9 Portland pl., St. Louis, Mo	26
Mr. Lewis S. Thompson, Brookdale Farm, Red Bank, N. J	2,725
Mrs. Mary A. Thompson, 262 Shawmut ave., Boston, Mass	1
Mrs. Mary J. Thompson, 21 First pl., Brooklyn, N. Y	3
Mrs. Mary Thaw Thompson to be addressed Mrs. W. R. Thompson, Mrs. W. R. Thompson, Sparkill, Rockland Co., N. Y	675
Mrs. Minnie E. Thompson, 7 Park place, Greenwich, Conn	38
Mr. Raymond B. Thompson, 1111 Madison ave., New York City	100
Mrs. Sarah G. Thompson, Maple ave., Troy, N. Y	10
Mrs. Sarah H. Thompson, Hudson, N. Y	100
Mr. Wm. P. Thompson, Brookdale Farm, Red Bank, N. J	1,762
Miss Ada Thomson, 33 West 71st st., N. Y. City	4
Mr. Arthur S. Thomson, 33 West 71st st., N. Y. City	4
Miss Grace E. Thomson, 33 West 71st st., N. Y. City	4
Mrs. Isabel Thorn, Fallsington, Bucks Co., Pa	14
Miss Mary A. Thorn, Fallsington, Bucks Co., Pa	14
Miss Susan L. Thorn, Fallsington, Bucks Co., Pa	14
Mrs. Ida Chase Thorndike, The Arlington, 18-20 W. 25th st., N. Y. City	2
Mr. Samuel Thorne, 43 Ceder st., N. Y. City	100
Mrs. Maud E. Thorp, 14 Philipse pl., Yonkers, N. Y	20
Mr. Charles P. Thurston, room 1107, Building	10
Mr. J. S. Thurston, Penn Yan, N. Y	100
Mr. W. R. Thurston, exr. est. of William R. Thurston, jr., 74 Broadway, N. Y. City	10
Mrs. W. F. C. Tichborne, Pelham, N. Y	2
Mrs. Catherine C. Tierney, 81 Pine st., Pawtucket, R. I	2
Miss Annette Tilden, 33 Seminary st., Auburn, N. Y	14
Mr. Edward W. Tilden, care of The Highlands, Washington, D. C	14
Mrs. Catharine N. Tilford, care of Mr. W. H. Tilford, room 1209, Building	600
Mrs. Florinda J. Tilford, 123 Amherst st., N. W., Winchester, Va	223
Mr. H. M. Tilford, room 1209, Building	107
Mrs. Isabelle W. Tilford, care of Mr. H. M. Tilford, room 1209, Building	166
* Mr. R. C. Tilford, care of Mrs. Catharine H. Tilford, room 1209, Building	150
Mr. W. H. Tilford, room 1209, Building	6000
Miss Julia A. Tillinghast, 260 Valley st., Orange, N. J	2
Mrs. Grace F. Tillotson, care of Cleveland Trust Co., Cleveland, Ohio	10
Mrs. Mary M. Tilney, care of Mr. Robert F. Tilney, 26 Court st., Brooklyn, N. Y	3

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Miss Elizabeth P. Tilton, 250 West 76th st., N. Y. City	35
Mr. J. G. Timolat, 464 West Broadway, N. Y. City	10
Mrs. Lucie M. Tinsley, care of Mr. F. D. Asche, room 106, Building	7
Mr. R. P. Tinsley, care of Mr. F. D. Asche, room 106, Building	9
Mrs. Sarah E. Tirrell, Canton ave., Milton, Mass	2
Mrs. Emma W. Titus, care of Chas. H. Ingalls, Exch. Bank, New Brighton, S. I	8
Mr. Florian Tobias, 38 West 87th st., N. Y. City	2
Mrs. Carrie Tobitt, 50 Yankee road, Middletown, Ohio	6
Mr. Fred Tobitt, Middletown, Ohio	6
Mrs. Mary Hatch Tobitt, Middletown, Ohio	6
Mr. Walter Tobitt, 531 Yankee road, Middletown, Ohio	6
Mrs. Ellen G. Todd, 90 High st., Newburyport, Mass	5
Mr. J. Cushing Todd, 90 High st., Newburyport, Mass	5
Mr. T. Gilliss Todd, jr., 90 High st., Newburyport, Mass	5
Mr. Edward C. Toie, care of Mess. Edwards, George & Co., Pittsburg, Pa	5
Mr. Harvey Tomlinson, care of R. & O. Nav. Co., 228 St. Paul st., Montreal, Can	25
Mrs. Johanna Tomlinson, 117 West 90th st., N. Y. City	25
Mr. Robert C. Alston, exr. est. of Henry B. Tompkins, Equitable Bldg., Atlanta, Ga	20
Mr. S. J. Tonkin, 33 East South st., Wilkes Barre, Pa	15
Mrs. Caroline R. Topp, 1203 E. McMillan st., flat 9, Cincinnati, Ohio	21
Mr. Edwin Fuller Torrey, jr., box 48, Clinton, N. Y	14

	Shares.
Mr. F. B. Torrey, 80 Broadway, N. Y. City	157
Mr. John H. Torrey, 80 South st., N. Y. City	1
Dr. Sinclair Tousey, 59 West 46th st., N. Y. City	1
Mrs. Carrie W. Tower, care of Mr. E. C. Tower, Troy, N. Y	5
The New England Trust Co., tr'ee of William A. Tower, 135 Devonshire st., Boston, Mass	50
Mr. D. O. Towl, room 609, Building	2
Mrs. Rosella Towl, care of Mr. Theo. M. Towl, room 1107, Building	5
Mrs. Sarah L. Towl, care of Mr. Theodore M. Towl, room 1107, Building	13
Mr. Theodore M. Towl, room 1107, Building	142
Mr. Nathan P. Towne, 1939 North 31st st., Philadelphia, Pa	12
Mrs. Helen N. Townley, 626 No. Broad st., Elizabeth, N. J	30
Mr. Charles J. Townsend, 433 Locust st., Lockport, N. Y	10
Mrs. Frances B. Townsend, care of Mr. George Townsend, 5th ave. & 37th st., N. Y. City	5
Mr. Frederick Townsend, 25 North Pearl st., Albany, N. Y	6
Mr. John B. Townsend, 7th & Chestnut sts., Philadelphia, Pa	5
Miss Lydia M. Townsend, care of Mr. Geo. P. Titus, East Williston, L. I	5
Miss Phebe Anna Townsend, care of Mr. Theo. P. Titus, East Williston, L. I	5
Mrs. Susan S. Townsend, 6013 Wayne ave., Germantown, Pa	10
Elizabeth Meeker Trafford, care of Percy D. Trafford, 80 Broadway, N. Y. City	2
Mr. Perry D. Trafford, 80 Broadway, N. Y. City	5
Mr. P. S. Trainor, room 906, Building	2
Mr. J. C. Trask, care of Northwestern Mutual Life Ins. Co., Milwaukee, Wis	21
Mrs. Maude N. Trask care of Northwestern Mutual Life Ins. Co., Milwaukee, Wis	3
Mess. Spencer Trask & Co., 27 Pine st., N. Y. City	5
Mr. Solomon Traub, 27 William st., N. Y. City	10
Mrs. Elizabeth F. Traver, care of Home Savings Bank, Detroit, Mich	10
Mr. H. E. Tremain, care of Col. Mason W. Tyler, 32 Liberty st., N. Y. City	140
Mrs. Mary Bott Treman, care of Mr. C. E. Treman, 101 E. State st., Ithaca, N. Y	1
Mr. Henry Trenkamp, 479 Case ave., Cleveland, Ohio	100
Mr. J. B. Trevor, Ohio Valley National Bank, Cincinnati, Ohio	20
Mr. W. Triest, 2 Courte rue des Claires, Antwerp, Belgium	19
Trinity Church Parish, care of First Natl. Bank, St. Augustine, Fla	26
Mr. Edward L. Tripler, 407 Fulton st., Brooklyn, N. Y	25
Mr. Eugene Trochain, 51 Rue des Batignolles, Paris, France	2
Mrs. Lusy S. Trotter, 25 East 30th st., N. Y. City	30
Mr. John Trowbridge, Linnaean st., Cambridge, Mass	1
Mrs. Jeannie B. Trull, 20 Fifth ave., New York City	2
Mrs. Anna E. Trusdell, 19 Washington st., Newark, N. J	13
Mr. James O. Tryon, 30 Broad st., N. Y. City	1
Mrs. Jennette C. Tryon, care of Mr. Jas. O. Tryon, 30 Broad st., N. Y. City	1
Safe Deposit & Tr. Co., Balti., trustee of Wesley A. Tucker, 13 South st., Baltimore, Md	65
Mrs. Andelusie D. Tulledge, 306 Lafayette ave., Clifton, Cincinnati, Ohio	6
Miss Estelle C. Tulledge, 306 Lafayette ave., Clifton, Cincinnati, Ohio	4
Mr. James P. Tumilty, 551 Plymouth ave., Rochester, N. Y	20
Mrs. Abigail A. Q. Turner, Geneva ave., cor. Olney st., Dorchester, Mass	6
Mr. Archibald Turner, 166 West 86th st., N. Y. City	10
Mr. J. Spencer Turner, jr., care of Sebasti & Reali, Rome, Italy	30
Mrs. Jennie Brown Turner, 115 So. Thatcher ave., River Forest, Ill	43
Mrs. Lucy M. Turner, 111 Beck st., Akron, Ohio	2
Mrs. W. Ruth Turner, 57 Remsen st., Brooklyn, N. Y	25
Mrs. Emma F. Turtle, 17 Berkeley pl., Brooklyn, N. Y	13
Mr. George Tuthill, care of Standard Oil Co., Springfield, Mass	2
Mrs. Maria L. D. Tuthill, 189 Atlantic st., Stamford, Conn	10
Mr. Frederick A. Tuttle, Gorham st., Lowell, Mass	6
Mr. Howard B. Tuttle, Naugatuck, Conn	25
Mr. Lucius B. Tuttle, 217 Mansfield st., New Haven, Conn	10
Mrs. Martha M. Tuttle, 44 Mount Union st., East Cleveland, Ohio	35
Mrs. Mary A. Tuttle, Naugatuck, Conn	25

	Shares.
Mrs. Elizabeth A. Twombly, care of C. M. Rice Paper Co., Portland, Me	3
Mrs. Amanda M. Tydeman, 463 Franklin st., Bloomfield, N. J	3
*Mr. S. Tydeman, Room 100, Building	41
Stephen Tydeman, sr., room 100, Building	3
Mrs. Marion A. Tyler, 399 Euclid ave., Cleveland, Ohio	200
Mrs. Charlotte M. Tytus, care of Day, Adams & Co., 45 Wall st., N. Y. City	50
Mrs. Marie E. Uhrbrock, care of Mr. E. F. Uhrbrock, room 1301, Building	10
Mr. Leo E. Ullman, 1412 Hull st., Manchester, Va	1
Mr. Sol. E. Ullman, 209 So. Third st., Richmond, Va	8
Mrs. Mary A. Ulman, care of Mr. R. J. Thompson, 30 East 55th st., N. Y. City	10
Mrs. Gertrude Ulmann, 109 Grand st., N. Y. City	1
Mess. Bernhard Ulmann & Co., 109 Grand st., N. Y. City	26
Mr. F. H. Ulrich, Greenfield, Mass	15
Mr. George Ulrich, 39 Pearl st., Hartford, Conn	5
Mrs. Eliza P. Underhill, 169 Rogers st., Lowell, Mass	2
Miss Ida Underhill, care of W. H. Butterworth, 80 Wall st., N. Y. City	3

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Mrs. Leda M. Underhill, care of Mess. Lyon & Smith, 128 Broadway, N. Y. City	20
Mrs. Grace E. B. Underwood, 336 Washington ave., Brooklyn, N. Y	20
Mr. Horace G. Underwood, 30 Vesey st., New York City	12
Mr. John T. Underwood, 30 Vesey st., New York City	293
Lillias Sterling Underwood, care of Mess. J. T. Underwood & Co., 30 Vesey st., N. Y. City	8
Union Theological Semin'y, 700 Park ave., N. Y. City	564
Union Trust Co., of N. Y., trustee, 80 Broadway, N. Y. City	100
The University of Chicago, 135 Adams st., Chicago, Ill	5,000
Mr. Samuel Untermyer, 37 Wall st., New York City	75
Mrs. Elizabeth K. Upham, 247 Fifth ave., New York City	50
Mr. Fred R. Usher, care of Fulton Trust Co., 30 Nassau st., N. Y. City	20
Mr. John H. Usmar, 10 Vicarage Gate, Campden Hill, W., London, Eng	2,578
Mrs. Ida G. Utley, 1085 Shady ave., E. E., Pittsburgh, Pa	13
Mr. W. H. Utley, 45 Broadway, N. Y. City	65
Mr. A. C. Vail, 773 Broadway, N. Y. City	40
Mr. F. Percy Vail, New Market, N. J	5
Mrs. Fannie C. Vail, 1611 Euclid ave., Cleveland, Ohio	745
Mrs. Sarah D. Vail, 230 La Grande ave., Plainfield, N. J	1
Est. of Theodore F. Vail, 27 William st., N. Y. City	100
Mr. John Henry Vaile, 119 N. Jefferson st., Dayton, Ohio	55
Mrs. Charlotte F. Vaill, care of Mr. Frederick S. Vaill, Portland, Me	71
Mr. Ruby R. Vale, Milford, Del	28
Mrs. Annie Lewis Valentine, care of Mr. Stephen Valentine, 116 Broad st., N. Y. City	35
Mrs. Maria J. Vaillant, 331 West 78th st., New York City	200
Miss Lizzie Van Antwerp, 115 West 91st st., New York City	30
Mrs. Mary A. Van Bouren, Buckingham Hotel, N. Y. City	2
Mrs. Clarissa M. Vance, box 2420, Boston, Mass	8
Mrs. Mary A. Vance, Kent, Ohio	3
Mr. Mynderse Van Cleef, Ithaca, N. Y	5
Mr. Herman B. Vancleve, 1113 Williamson Bldg., Cleveland, Ohio	2
Mr. William H. Vanden Burg, 30 West 46th st., N. Y. City	2
Mrs. F. G. Vandergrift, 5825 Fifth ave., Pittsburgh, Pa	200
Mr. S. H. Vandegrift, 32 Nassau st., room 622, N. Y. City	72
Mrs. Laura E. Van Derhoef, 156 Montague st., Brooklyn, N. Y	10
Mr. Wyckoff Van Derhoef, 156 Montague st., Brooklyn, N. Y	45
Mrs. Alice W. Vanderpool, Morristown, N. J	8
Mr. Wynant Vanderpool, Morristown, N. J	20
Mr. Alonzo Van Deusen, San Remo Hotel, 74th st. & Central Park West, N. Y. City	150
Van Emburgh & Atterbury, 1 Nassau st., N. Y. City	50
Mrs. Mary C. Van Gieson, 132 State st., Hackensack, N. J	1
Mr. A. H. Van Gorder, 113 Water st., Cleveland, Ohio	20

	Shares.
Miss Emma M. Van Horn, care of Mr. S. G. Nelson, 18 Broadway, N. Y. City	23
Mr. D. A. Vanhorne, 25 Main st., Orange, N. J	4
Mrs. Emma S. Vanhorne, 25 Main st., Orange, N. J	1
Miss Grace Vanhorne, 25 Main st., Orange, N. J	1
Mr. J. R. Van Kleek, 645 Jersey ave., Jersey City, N. J	20
Mrs. Alice Van Overbeke, care of Standard Oil Co., Covington, Ky	10
Est. of Isidore Van Overbeke, 1015 Sixth st., Louisville, Ky	20
Miss Jennie Van Overbake, 1015 Sixth st., Louisville, Ky	8
Mrs. Maria E. Van Pelt, care of Townsend C. Van Pelt, 18th ave., & 81st st., Brooklyn, N. Y	20
Mr. Townsend C. Van Pelt, 18th ave. & 81st st., Brooklyn, N. Y	20
Mr. Adolph Vanrein, 147 Broadway, Brooklyn, N. Y	3
Mrs. L. Ella Van Steenberg, Rhinebeck, N. Y	15
Mr. W. H. Van Steenbergh, 10 Wall st., New York City	1
Mr. Richard L. Van Tassell, 222 Broadway, N. Y. City	65
Mr. George C. Van Tuyl, jr., Albany, N. Y	55
Mrs. Anna G. Van Tyne, Cuylerville, Livingston Co., N. Y	5
Mrs. Anna F. Van Vlack, Broadway, 85th & 86th sts., "Bretton Hall," N. Y. City	2
Mr. George A. Van Wagenen, 101 North 6th st., Newark, N. J	10
Mr. George Van Winkle, Bergen Point, N. J	120
Mrs. Cora P. Van Wyck, Fishkill Village, N. Y	7
Mrs. Maria B. Van Wyck, Fishkill Village, N. Y	7
Mr. Zeger W. Van Zelm, 52 Wall st., New York City	1
Mrs. Ada C. Vaughan, 89 Walterman st., Providence, R. I	50
Mr. Benjamin Vaughan, 69 State st., Boston, Mass	669
Mr. H. B. Vaughan, 45 Broadway, N. Y. City	131
Mr. James M. Veader, 257 West 104th st., New York City	10
Mrs. Louisa C. Veech, New Haven, Fayette Co., Pa	13
Mrs. Jeannie H. Veit, 98 West Fifth st., Bayonne, N. J	13
Mrs. Mary K. Veit, care of Mr. Richard C. Veit, room 200, Building	400
Mr. Richard C. Veit, room 200, Building	300
Fred'k Victor & Achelis, 70 Leonard st., N. Y. City	405
Mr. Charles N. Vilas, Fifth Ave. Hotel, New York City	350
Mr. George H. Vilas, 274 Springdale ave., East Orange, N. J	200
Mr. Leonard Volpe, basement, Building	2
Mrs. Laura von Bertrab, Knesebeck, Str. 30, Charlottenburg, Germany	4
Mr. A. von Hartz, care of Societa Italo-Am. pel Petrolio, Venice, Italy	20
Frau Alice von Naso, Bismarckstr. 15, Friedman, Berlin, Germany	3
Dr. James D. Voorhees, 180 West 59th st., N. Y. City	4
Mrs. Louise B. Voorhees, 180 West 59th st., N. Y. City	6
Mrs. Maggie A. Voorhis, Nyack, N. Y	10
Mrs. Mary H. Voorhis, DeLand, Fla	5
Mr. Clarence Vose, Bellport, Long Island, N. Y	110
Mr. David Wachman, care of Market Natl. Bank, Cincinnati, Ohio	50
Mrs. Eda A. Wachman, care of N. Y. Life Ins. Co., 4th & Elm sts., Cincinnati, Ohio	11
Mrs. Elizabeth Waddington, 160 Broadway, New York City	2
Mrs. Anne S. Wader, Kurfurstendaunn 54, Berlin, Germany	30
Mr. Horace W. Wadleigh, 241 Congress st., Boston, Mass	15
Mrs. Mary W. Wadleigh, 234 Commonwealth ave., Boston, Mass	10
Mrs. Nannie L. Wadley, 265 Prospect ave., Mt. Vernon, N. Y	1
Marguerite E. W. W. Wadsworth, 761 Madison ave., Albany, N. Y	1
Mr. Paul Wadsworth, 761 Madison ave., Albany, N. Y	18
Mr. Paul Wadsworth, jr., 761 Madison ave., Albany, N. Y	2
Mr. A. Lee Wager, Rhinebeck, N. Y	3
Mrs. Elizabeth M. Wainwright, 1812 Wallace st., Philadelphia, Pa	9
Mrs. M. Agnes Wainwright, Middlebury, Vt	3
Mr. Thomas H. Briggs, treas. Wake Forest College, Raleigh, N. C	240
Mr. Samuel P. Waldo, 540 Ashland ave., Buffalo, N. Y	2
Mrs. Adelaide Miller Walker, 297 Sanford ave., Flushing, L. I., N. Y	50
Miss Caroline Walker, care of Mr. W. A. Walker, Room 512, Building	3
Mr. Edward L. Walker, Bellows Falls, Vt	3
Mr. George Walker, 822 Dorchester ave., Boston, Mass	4
Mr. H. L. Walker, care of Walker Engraving Co., 141 East 25th st., N. Y. City	10

	Shares.
Mr. Harry H. Walker, South Berwick, Maine	12
Mrs. Hilah J. Walker, care of Mr. Jos. Walker, 20 Broad st., N. Y. City	173
Mr. James Walker, 1282 Washington st., Boston, Mass	3
Est. of James Walker, 50 Congress st., room 501, Boston, Mass	3
Mr. John H. Walker, 822 Dorchester ave., Boston, Mass	6
Mr. Joseph C. Walker, 50 Congress st., Boston, Mass	7
Miss Lizzie M. Walker, Sparta, N. J	3
Mr. Robert Walker, care of Mr. J. C. Walker, 50 Congress st., Boston, Mass	6
Joseph C. & James Walker, trustees, 50 Congress st., Boston, Mass Joseph C. Walker and James Walker, trustees for Susan M. Walker	6
Mr. Ulysses G. Walker, care of So. Cleveland Banking Co., Cleveland, Ohio	100
Joseph C. & James Walker, trustees, 50 Congress st., Boston, Mass Joseph C. Walker and James Walker, trustees for William Walker	6
Mr. William M. Walker, Bayville, L. I	60
Mess. Joseph Walker & Sons, 20 Broad st., New York City	120
Mrs. Isabel A. Wall, 150 West 122nd st., New York City	3

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Miss Margaret Wall, care of Bank of New Amsterdam, New York City	1
Miss Catharine A. Wallace, Greenwich, Conn	12
Mrs. Grace Seccomb Wallace, 434 West 7th st., Plainfield, N. J	9
Mrs. Josephine Wallace, 861 St. Marks ave., Brooklyn, N. Y	5
Mr. Leopold Wallach, 35 Wall st., N. Y. City	1
Mr. C. J. Walsh, 23 Wall st., N. Y. City	25
Mr. Frank R. H. Walsh, 237 East 11th st., N. Y. City	1
Miss Mary Walsh, 75 East 85th st., N. Y. City	112
Mr. Herman N. Walter, 33 Union Sq. W., N. Y. City	10
Mrs. Agnes H. Walton, 106 Willow st., Brooklyn, N. Y	11
Miss Lizzie Walton, Sesame Club, 29 Dover st., Piccadilly, W., London, Eng	10
Mr. E. E. Ward, Chanute, Kan	3
Mrs. Emma H. Ward, box 105 Crescent City, Fla	4
Mr. Joseph Ward, jr., 741 Broad st., Newark, N. J	10
Mrs. Marian L. Ward, Stoneham, Mass	3
Mr. Thomas R. Ward, jr., care of Weidman, Ward & Co., Albany, N. Y	10
Mrs. Catharine A. Warden, care of Fidelity Title & Trust Co., Pittsburg, Pa	18
* John B. Warden, care of Mr. James M. Beck, Atty., 44 Wall st., N. Y. City	1,259
Mrs. Sarah Jane Warden, care of Girard Trust Co., Broad & Chestnut sts., Phila., Pa	541
Mrs. Sarah W. Warden, 1012 Witherspoon Bldg., Philadelphia, Pa	85
Estate of W. G. Warden, 1012 Witherspoon Bldg., Philadelphia, Pa	5,858
R. Arnold, treas. W. G. Warden Benef'l Ass'n, care of Atlantic Ref. Co., Philadelphia, Pa	13
* Fidelity Title & Trust Co., Pittsburg, Pa., W. G. Warden, N. Page Warden, W. N. Kerr, and Fidelity Title and Trust Co., of Pittsburg, trustees	105
Mr. Wm. T. Wardwell, 21 West 58th st., N. Y. City	750
Mess. Wardwell & Adams, 2 Wall st., N. Y. City	1
Mr. O. T. Waring, room 302, Building	367
Mr. Daniel W. Warner, 7 West 84th st., N. Y. City	5
Miss Emma A. Warner, 1327 No. Nevada ave., Colorado Springs, Col	10
Mr. Henry V. Warner, 7 West 84th st., N. Y. City	5
Mr. J. Allen Warner, 315 Hamilton st., Albany, N. Y	4
Mrs. Kate Nes Warner, P. O. box 203, Titusville, Pa	20
Mrs. Sarah W. Warner, New Milford, Conn	1
Mrs. Susan R. Warner, 1141 No. Main st., Dayton, Ohio	20
Mr. W. C. Warner, Titusville, Pa	80
Mess. Warner & Co., 52 Broadway, New York City	10
Mrs. Mary G. Warner, 108 Farmington ave., Hartford, Conn	5

	Shares.
Mr. R. H. Warren, Mamaroneck, N. Y	20
Mr. Richard Warren, 88 Prospect ave., Mamaroneck, N. Y	120
Mr. Wm. L. Warren, Mamaroneck, N. Y	20
Mrs. Ella Spence Warrington, Anwood st., E. Walnut Hills, Cincinnati, Ohio	25
Mrs. Eleanor A. Warwick, 838 Ashland ave., St. Paul, Minn	5
Mr. Gardner Washburn, 61 Broad st., Boston, Mass	5
Mrs. Mary R. Washburn, 52 East 79th st., N. Y. City	6
Mrs. William Ives Washburn, 50 Pine st., New York City	10
Mrs. Maria H. Washburne, Salisbury, Conn	1
* Emma B. Waters, care of Mr. Charles H. Bailey, 208 No. 8th st., St. Louis, Mo	5
United States Trust Co., trustee for Helen R. Watkins, 45 Wall st., N. Y. City	60
Mr. Harry W. Watrous, 352 Lexington ave., N. Y. City	2
Mrs. Ruth A. Watrous, 352 Lexington ave., New York City	5
Mrs. Alice C. L. Watson, care of Mess. T. L. Watson & Co., Bridgeport, Conn	20
Mr. George H. Watson, 47 Prospect st., East Orange, N. J	70
Mr. H. R. C. Watson, 260 Church st., New York City	10
Mrs. Maria M. Watson, 400 Chestnut st., care of Starr & Co., Phila., Pa	10
Mr. T. L. Watson, 55 Broadway, New York City	10
Mr. Thomas J. Watson, 319 Gardner Bldg., Toledo, Ohio	10
Mrs. Victoria P. Watson, 47 Prospect st., East Orange, N. J	10
Miss Annie B. Watt, 148 Blackstone boul'd, Providence, R. I	32
Mrs. Ella A. Watt, foot of North 10th st., Brooklyn, N. Y	8
Mrs. Ella C. Watt, 207 Atlantic ave., Providence, R. I	1
Mrs. Elizabeth Watt, 239 Park st., Hackensack, N. J	20
Mr. James Watt, 174 Clinton st., Brooklyn, N. Y	15
Mr. Peter M. Watt, care of Standard Oil Co., Providence, R. I	80
Mr. William Watt, 8 Overlook Terrace, Yonkers, N. Y	2
Mr. J. Waxelbaum, 109 Primrose ave., Mt. Vernon, N. Y	1
Dr. T. H. Wayble, Pickering Bldg., Cincinnati, Ohio	5
Mr. Thomas D. Wayne, 517 Rialto Bldg., Chicago, Ill	20
Mrs. Amy H. Weatherbee, care of Arnold, Constable & Co., 115 5th ave., New York City	1,000
Mrs. Ada St. J. Webb., 28 Remsen st., Brooklyn, N. Y	15
Mess. Webb & Prall, 37 Wall st., N. Y. City	2
Mr. Geo. D. Webber, 18 Broadway, New York City	269
Mr. Jacques Weber, Rue St. Laurent 57, a Lagny Seine et Marne, France	2
Mr. Philip Weber, 1855 Madison ave., N. Y. City	2
Mr. Hawley T. Webster, 622 Atlantic ave., Brooklyn, N. Y	1
Miss Rannie Webster, Oil City, Pa	10
Mess. Carlo Wedekind & Co., notices, etc., to Paul Wedekind Mr. Paul Wedekind, Lutherstrasse 39, Berlin, Germany	901
Dr. Albert G. Weed, 152 West 57th st., "The Rembrant," N. Y. City	5
Miss Gertrude D. Weed, 959 Riverside ave., Jacksonville, Fla	6
Mrs. Nellie S. Weed, 29 Liberty st., New York City	1
Mrs. Mary J. Weekes, 1350 Pacific st., Brooklyn, N. Y	14
Mr. Nelson E. Weeks, 67 Federal st., Boston, Mass	70
Miss Nellie I. Weidenkopf, 2382 East 61st st. SE., Cleveland, Ohio	5
Mr. Edwin C. Weil, 113 West 40th st., Mendelsohn Bldg., N. Y. City	15
Mr. Louis J. Weil, 113 West 40th st., Mendelsohn Bldg., N. Y. City	10
Mrs. Rebecca Weil, care of Mr. Joseph Ullmann, 20 West 20th st., N. Y. City	6
Mr. S. R. Weil, 150 Broadway, New York City	40
Mr. Jacques Weinberger, 25 Broad st., N. Y. City	1
Mrs. Harriett M. Weir, 42 Fifth East st., Salt Lake City, Utah	10
Mr. Charles W. Welch, 24 High st., Boston, Mass	20
Mr. B. Rodman Weld, P. O. Box 3477, Boston, Mass	11
Miss Hannah M. Weld, Centre & South sts., Jamaica Plain, Mass	6
Mrs. Fanny A. Welles, Newington, Conn	3
Mrs. Lucy R. Welles, Newington, Conn	2
Mess. C. E. Welles & Co., 15 Wall st., N. Y. City	125

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	Shares.
Mr. Charles E. Welling, North Bennington, Vt	50
Mrs. Clementine L. D. Welling, 159 Farmington ave., Hartford, Conn	4
Mr. Edward D. Welling, North Bennington, Vt	10
Mr. Aaron H. Wellington, 301 West 106th st., N. Y. City	13
Mr. J. Frank Wellington, 7 Central st., Boston, Mass	1
Mr. Brooks H. Wells, 523 Madison ave., New York City	5
Mr. Edward G. Wells, Grove Lane, Greenwich, Conn	5
Mrs. Georgina B. Wells, care of T. Tileston Wells, 41 Cedar st., N. Y. City	5
Mrs. H. Maria Wells, 107 Centre ave., New Rochelle, N. Y	75
Mrs. Kate F. Welman, care of Mr. E. J. Hancy, 40 Wall st., N. Y. City	20
Mr. Augustus J. Welsh, Hartwell, Ohio	1
May Dwight Foote Wendell, Cazenovia, N. Y	5
Mrs. Carrie A. Westcott, 38 Bentley ave., Jersey City Hts., N. J	3
Mr. Joseph H. Wesson, care of Mess. Smith & Wesson, Springfield, Mass	10
Mrs. Anna D. West, Hotel Somerset, Boston, Mass	1
Mrs. Dorcas Rowena West, Park ave. & McMechen st., Baltimore, Md	33
Mr. E. R. West, Front & Fayette sts., Baltimore, Md	25
Mrs. Emma M. West, care of West Side Bank, N. Y. City	10
Mrs. Emma S. West, 1409 Madison ave., Baltimore, Md	40
Mr. George Page West, 1600 Park ave., Baltimore, Md	12
Mr. George S. West, 1409 Madison ave., Baltimore, Md	10
Mr. Hallett E. West, 81 New st., N. Y. City	3
Mr. Laurence West, 1600 Park ave., Baltimore, Md	11
Miss Mary E. West, 6 Walnut st., East Orange, N. J	4
Mr. William C. West, 1600 Park ave., Baltimore, Md	12
West End Savings Bank & Trust Co., Pittsburg, Pa	20
Mr. H. G. Westcott, room 1204, Building	6
Mr. R. E. Westcott, 19 Park pl., N. Y. City	130
Miss Anna Agnes Westervelt, 1140 Broad st., Newark, N. J	100
Mr. Leo F. Westheimer, 319 Main st., Cincinnati, Ohio	10
Mr. H. C. Weston, 454 West 144th st., New York City	15
Mrs. Anna Wetmore, 67 Olive st., Cleveland, Ohio	30
Mrs. Mary L. Wetmore, care of Mrs. J. L. Tracy, Atlantic st., Stamford, Conn	2
Mrs. Sophia A. Wetmore, care of Mr. R. C. Wetmore, 120 Viaduct, Cleveland, O	5
Mr. Christian F. Wetzel, 335 West Kirby ave., Detroit, Mich	4
Mrs. Effie P. Weymouth, 56 West Main st., Lock Haven, Pa	3
Mr. J. A. Whalen, 2019 Sherman ave., Omaha, Neb	20
Rev. Richard Wheatley, care of Maj. I. N. Lewis, U. S. Army, Fortress Monroe, Va	23
Mr. William Wheatley, 176 Prospect st., East Orange, N. J	10
Mrs. Avice Wheaton, Narragansett Pier, R. I	625
Mr. Frank H. Cobb, gdn. of Mary F. Wheaton, Cortland, N. Y	2
Mrs. Alice M. Wheeler, is to be addressed as Mrs. Albert H. Wheeler *Mrs. Albert H. Wheeler, 235 West 75th st., N. Y. City	200
Mrs. Celia R. Wheeler, care of Mr. T. H. Wheeler, room 100, Building	50
Mrs. Delia Wheeler, Pompey, N. Y	14
Miss Hannah M. Wheeler, 196 Joralemon st., Brooklyn, N. Y	1
Mr. Henry H. Wheeler, 11 William st., N. Y. City	5
Mr. Henry H. Wheeler, jr., 15 William st., N. Y. City	2
Mrs. Mary C. Wheeler, 567 Locust st., Lockport, N. Y	20
Miss Mary L. Wheeler, care of Mr. T. H. Wheeler, room 100, Building	25
Mr. S. S. Wheeler, 42 Opera Block, Lima, Ohio	40
Mr. T. H. Wheeler, room 100, Building	1,375
Mr. Samuel W. Wheelock, 368 Adelphi st., Brooklyn, N. Y	3
Mess. Townsend Whelen & Co., 309 Walnut st., Philadelphia, Pa	6
Mrs. Fanny G. Whitaker, 1119 Jefferson ave., Brooklyn, N. Y	23
Mr. Andrew G. White, 349 State st., Albany, N. Y	25
Mr. Charles W. White, P. O. Box 413, Fairhaven, Mass	12
Mr. D. O. White, Knox, Clarion Co., Pa	52
Mr. Edward C. White, 556 West 34th st., N. Y. City	25
Mr. F. T. White, 37 Broad st., N. Y. City	500
Miss Florence E. White, 74 Elm st., Worcester, Mass	2
Mr. Franklin W. White, 416 Marlboro st., Boston, Mass	5

	Shares.
Mrs. Grace H. White, 1034 Prospect ave., Hartford, Conn	83
Mrs. Hannah A. White, Mt. Auburn, Cincinnati, Ohio	10
Mr. Henry M. White, Lee, Mass	9
Covington Sav'gs Bank & Tr. Co., trustee for Ida Hudson White, Covington, Ky	5
Mr. John P. White, care of W. P. Southworth Co., Cleveland, Ohio	1
Miss Josephine L. White, 74 Elm st., Worcester, Mass	2
Mr. Learned White, 349 State st., Albany, N. Y	5
Mrs. Louisa M. White, 214 Olney st., Providence, R. I	84
Mrs. Margaret S. White, is to be addressed as Mrs. J. Blake White * Mrs. J. Blake White, 1013 Madison ave., N. Y. City	10
Mrs. Mary A. T. White, 48 Mill st., Haverhill, Mass	1
Mrs. Mary E. White, 106 Miles ave., Station D, care of W. A. Galpin, Cleveland, Ohio	29
Miss Maude White, 349 State st., Albany, N. Y	5
Mr. N. G. White, West Hartford, Conn	5
Mrs. Sarah E. White, Framingham, Mass	15
Miss Susan M. White, Mt. Auburn, Cincinnati, Ohio	27
Est. of Theodore G. White, 206 5th ave., New York City	24
Mr. Edgar P. Whiting, R. F. D. 3, Meadville, Pa	10
Mrs. Elizabeth C. Whiting, 849 Terrace st., Meadville, Pa	140
Mr. John X. Whiting, Meadville, Route 3, Crawford Co., Pa	10
Mrs. Mary S. Whiting, 711 Palisade ave., Yonkers-on-Hudson, N. Y	1
Est. of Murray Whiting, 19 West 47th st., N. Y. City	10
Mr. William Whiting, Holyoke, Mass	5
Mr. J. P. Whitlock, care of Mess. J. P. Morgan & Co., 23 Wall st., N. Y. City	155
Mrs. Charlotte H. Whitman, 165 West 58th st., N. Y. City	233
Miss Maud Whitman, 165 West 58th st., N. Y. City	34
Mrs. Susan W. Whitmore, Demarest, N. J	18
Mr. A. R. Whitney, Morristown, N. J	200
Mr. Alfred R. Whitney, jr., 44 W. 44th st., N. Y. City	5
Mr. Daniel D. Whitney, 10 Poplar st., Brooklyn, N. Y	25

(55)

Miss Eleanor N. Whitney, care of Morristown Trust Co., Morristown, N. J	25
Mrs. Gertrude V. Whitney, care of Mr. Thomas J. Regan, 32 Nassau st., N. Y. City	57
Mr. H. P. Whitney, 32 Nassau st., N. Y. City	500
Miss Leila Whitney, care of Morristown Trust Co., Morristown, N. J	25
Mrs. Marian Whitney, 37 Mill st., Dorchester, Mass	5
Miss Sallie N. Whitney, care of Morristown Trust Co., Morristown, N. J	25
Est. of W. C. Whitney, 32 Nassau st., N. Y. City	8,000
Mr. H. P. Whitney, exr. of W. C. Whitney, deceased, 32 Nassau st., N. Y. City	1,000
Mr. Thomas Whitridge, 14 Madison st. West, Baltimore, Md	8
Miss Mary Ellen Whittaker, 29 East 29th st., N. Y. City	10
Mr. George Whittell, 75 Sutter st., San Francisco, Cal	200
Mr. Albert R. Whittier, 16 Commonwealth ave., Boston, Mass	50
Mr. H. D. Whittlesey, care of Sherwin Williams Co., Newark, N. J	25
Miss Margaret E. Wickware, room 332, P. O. Dept., Washington, D. C	1
Mrs. Clara H. Wideman, Seville, Ohio	25
Mr. George D. Widener, 404 Land Title Bldg., Philadelphia, Pa	129
Mr. Joseph E. Widener, 404 Land Title Bldg., Philadelphia, Pa	100
Mr. P. A. B. Widener, 404 Land Title Bldg., Philadelphia, Pa	3,679
Mr. E. Wiebenson, Union Banking & Sav'g Co., Cleveland, Ohio	90
Mrs. Anna R. Wiggim, Box 77, Vermillion, Erie Co., Ohio	51
Mr. John Wiggim, 728 Ave. C, Bayonne, N. J	5
Mr. L. W. Wiggin, care of Columbia Trust Co., 26 Nassau st., N. Y. City	10
Mrs. Charlotte B. Wilbour, care of Goodwin, Thompson & Van'l, 2 Wall st., N. Y. City	450
Mr. Martin H. Wilckens, 806 Broadway, N. Y. City	4
Mrs. Amy P. Wild, 136 Highland ave., Somerville, Mass	6
Genl. John A. Wiley, Franklin, Pa	50
Miss Elizabeth Wilkin, 245 West 11th st., N. Y. City	18
Mr. Robert J. Wilkin, 211 Clinton st., Brooklyn, N. Y	2

	Shares.
Miss E. T. Wilkinson, care of Mr. J. W. Burdick, D. & H. Canal Co., Albany, N. Y	8
Eliza C. Wilkinson, North Adams, Mass	5
Mrs. Elizabeth Y. Wilkinson, 546 Bergen ave., Jersey City, N. J	4
Mr. Howard A. Wilkinson, room 501, 50 Congress st., Boston, Mass	1
Mr. James Wilkinson, 21 Waverly pl., N. Y. City	10
Mr. John Willdridge, 1255 South Newkirk st., Philadelphia, Pa	2
Mr. Edmund R. Willerton, care of Delaware & Hudson Co., Albany, N. Y	10
Mrs. Adlaide T. Willets, Roslyn, N. Y	25
Mrs. Amelia Willets, care of Mr. John T. Willets, 303 Pearl st., N. Y. City	51
Miss Anna Willets, "Homewood," Roslyn, N. Y	10
Mr. Edward Willets, Old Westbury, Queens Co., N. Y	20
Mr. Howard Willets, White Plains, N. Y	890
Mr. John T. Willets, 303 Pearl st., N. Y. City	250
Mr. John T. Willets, gdn. for Josiah M. Willets, 303 Pearl st., N. Y. City	851
Miss Maria Willets, care of Mr. John T. Willets, 303 Pearl st., N. Y. City	60
Mrs. Martha T. Willets, 303 Pearl st., New York City	25
Mr. Walter R. Willets, Roslyn, Nassau Co., N. Y	150
Mr. Edward L. Williams, Front & 3rd sts., Long Island City, N. Y	10
Mrs. Elizabeth M. Williams, 183 Washington Park, Brooklyn, N. Y	30
Mr. F. D. Williams, Oil City, Pa	15
Mr. Fred L. Williams, room 800, Building	7
Mrs. Hannah B. Williams, Haverford, Montgomery Co., Pa	15
Mr. J. Howard Williams, Toms River, Ocean Co., N. J	155
Mrs. Jennie L. Williams, care of Charles Frazier & Co., 93 Nassau st., N. Y. City	25
Mr. Judson Williams, P. O. box 404, Lynn, Mass	10
Mrs. Martha H. Williams, 284 State st., Albany, N. Y	10
Mrs. Mary A. Williams, 1231 Dean st., Brooklyn, N. Y	6
Est. of T. M. Williams, cor. 5th & Camp sts., Harrisburg, Pa	34
Mrs. Katharine C. Williamson, 8 McGregor st., Montreal, Can	5
Miss Katharine R. Williamson, 8 McGregor st., Montreal, Can	10
Mrs. Fannie Gale Willis, 39 East 29th st., N. Y. City	1
Mrs. Josephine Willis, 39 East 29th st., N. Y. City	1
Mess. J. R. Williston & Co., 7 Nassau st., N. Y. City	10
Mr. Charles Hill Willson, Mt. Vernon, N. Y	24
Mrs. Frances M. Willson, 104 So. 2nd ave., Mt. Vernon, N. Y	16
Mrs. Mary E. Wilmarth, 1631 Spruce st., Philadelphia, Pa	4
Mrs. Anna Marshall Wilshire, care of Mr. John W. Bristol, 865 Chapel st., New Haven, Conn	12
Miss Anne N. Wilshire, communications to Mrs. Anna M. Wilshire, gdn. Mrs. Anna M. Wilshire, gdn., care of Mr. J. W. Bristol, Exchange Bldg., New Haven, Conn	36
Mr. George Wilshire, Yale Station, New Haven, Conn	36
Miss Lucie B. Wilshire, care of Lucie W. Edwards, State Natl. Bank, Boston, Mass	36
Mrs. Susan E. Wilshire, 543 Pacific ave., Redondo, Cal	300
Mrs. Celia Sibley Wilson, Franklin, Pa	10
Mr. D. H. Wilson, 510 The Arcade, Cleveland, Ohio	450
Mr. R. T. Wilson, room 1209, Building	60
Mrs. Eliza Wilson, 214 West 114th st., N. Y. City	5
Mrs. Elizabeth C. Wilson, 11 East 3rd st., Lewistown, Pa	2
Mr. Gilbert H. Wilson, 194 Keap st., Brooklyn, N. Y	108
Mr. H. B. Wilson, 40 Wall st., N. Y. City	100
Miss M. Josephine Wilson, 11 East 3rd st., Lewistown, Pa	2
Mr. Obed J. Wilson, 378 Lafayette ave., Clifton, Cincinnati, Ohio	125
Sarah C. Wilson & J. C. Woods, tr., care of Chatfield & Woods Co., Cincinnati, Ohio	1
Mrs. Susan T. Wilson, room 1209, Building	40
Mrs. Susie M. Wilson, room 1209, Building	2
Mr. T. Gilmour Wilson, 305 West 150th st., N. Y. City	200
Mr. Walter S. Wilson, 120 Broadway, N. Y. City	50
Mr. William H. Wilson, 697 Ninth ave., N. Y. City	4
Mrs. Ellen T. Windom is to be addressed as Mrs. William Windom Mrs. William Windom, care of Mr. B. W. Warren, 60 State st., Boston, Mass	3

	Shares.
Est. of Marx Wineland, Frostburg, Md	10
Mr. L. Stuart Wing, 54 William st., New York City	2
Mr. William R. Winn, 143 Maiden Lane, N. Y. City	10
Mrs. Mary V. Winship, 34 Rue Washington, Paris, France	26
Mrs. Josephine W. Winslow, care of Bank of Buffalo, Buffalo, N. Y	100
Mr. William G. Winslow, 14 Dun Bldg., Buffalo, N. Y	50
Mrs. Caroline I. Winsor, care of W. P. Winsor, 1st Natl. Bk., New Bedford, Mass	10
Mr. Egerton L. Winthrop, jr., 32 Liberty st., N. Y. City	16

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Mr. Wm. H. Wirth, 3rd National Bank, Cincinnati, Ohio	10
Jessie Kenan Wise is to be addressed Mrs. J. C. Wise Mrs. J. C. Wise, 110 Nun st., Wilmington, N. C	150
Mr. Samuel M. Sloan, gdn. for Clifton J., Inez & H. Wiseman, 307 Water st., Warren, Pa	8
Mrs. Rebecca Witherell, 35 East 38th st., N. Y. City	25
Mr. Edward H. Withers, 347 Boylston st., Brookline, Mass	2
Mr. Charles E. Witt, 215 West 3rd st., Cincinnati, Ohio	5
Mr. Richard B. Witt, 215 West 3rd st., Cincinnati, Ohio	5
Miss Sarah M. Witt, 57 Hollister st., Cincinnati, Ohio	3
Mr. Lee B. Wolf, 940 Franklin st., Philadelphia, Pa	2
Mrs. Anna Woerishoffer, care of United States Trust Co., N. Y. City	100
Mr. Charles A. Wolfe, 9 Smithfield st., Pittsburg, Pa	1
Mr. Frank J. Wolfe, Grand Central Station, N. Y. City	15
Mrs. Amalie Wolffram, 7 West 95th st., N. Y. City	1
Mr. Charles B. Wolffram, 24 No. William st., N. Y. City	50
Mrs. Ellen Ayer Wood, Andover, Mass	50
Mr. Howard Wood, Conshohocken, Pa	648
Mrs. Julia M. Wood, 73 Carleton st., East Orange, N. J	66
Miss Juliana L. Wood, 26 The Baltimore, Tompkinsville, N. Y	3
Est. of Mary Biddle Wood, care of Mr. Howard Wood, Conshohocken, Pa	21
Mrs. Mary Knight Wood, 150 West 59th st., N. Y. City	15
Mr. W. Wilton Wood, Huntington, Suffolk Co., N. Y. "Personal"	10
Mr. Walter A. Wood, jr., Hoosick Falls, N. Y.	10
Mr. William Wood, 22nd & Spring Garden sts., Fairmount Sta., Phila., Pa	100
Mr. Bainbridge W. Woodard, 3 Clinton st., Cambridge, Mass	4
Mrs. Eliza D. Woodman, care of Mr. Walter I. Woodman, 98 Exchange st., Portland Me	5
Mr. Walter I. Woodman, care of A. S. Woodman, 98 Exchange st., Portland, Me	75
Mrs. Maria W. Woodmancy, Norwalk, Ohio	13
Mrs. Mary B. Woodruff, Black Rock, Conn	45
J. Percy Bartram and Sarah J. Bartram, trustees for Mary B. Woodruff, under will of Elizabeth M. Bartram *Mrs. Mary B. Woodruff, Black Rock, Bridgeport, Conn	15
Mrs. Carrie A. Woods, Morrison ave., Clifton, Cincinnati, Ohio	31
Mr. Wm. H. Woods, Chatfield & Woods Co., care of H. F. Woods, Cincinnati, O	1
Miss Harriet L. Woodward, P. O. Box 46, Glen Ridge, N. J	1
Mr. James T. Woodward, care of Hanover Natl. Bank, 11 Nassau st., N. Y. City	100
Estate of Wm. Woodward, jr., 11 Nassau st., N. Y. City	75
Mrs. Sarah E. Woodworth, 411 East ave., Rochester, N. Y	102
Mrs. Ella T. Woolley, 800 Asylum ave., Hartford, Conn	2
Mr. Joseph A. Woolley, 79 & 81 Spring st., New York City	100
Mr. Park M. Woolley, 79 & 81 Spring st., N. Y. City	50
Mrs. Mary Schenck Woolman, 21 West 101st st., N. Y. City	3
Mrs. Mary L. Worcester, 48 East 49th st., N. Y. City	2
Mr. Wilfred J. Worcester, 48 East 49th st., N. Y. City	5
Mr. Frank C. Worley, 100 Kensington st., Cleveland, Ohio	1
Miss Julia Wray, 17 East 56th st., N. Y. City	175
Mrs. Kate B. Wren, care of J. H. Bonnell, 523 Mich. Tr. Co. Bldg., Grand Rapids, Mich	20
Miss Mary S. Wren, care of cashier Old Natl. Bank, Grand Rapids, Mich	5
Mr. Wm. C. Wren, care of Adj. General U. S. A., Washington, D. C	40

	Shares.
Mrs. Alis T. Wrench, care of Jas. McDonald, Anglo-Am. Oil Co., London, E. C., Eng	200
Mrs. Anna E. Wright, 509 Mt. Prospect ave., Newark, N. J	10
Mrs. Belle Granger Wright, 2320 Scottwood ave., Toledo, Ohio	33
Miss Constance Wright, Hempstead, L. I	7
Miss Florence Wright, Hempstead, L. I	6
Mr. George M. Wright, 280 Broadway, N. Y. City	20
Mr. George W. Wright, care of Rhode Island Tool Co., Providence, R. I	9
Mr. J. Dunbar Wright, 346 Lexington ave., New York City	226
Mr. J. Howard Wright, room 56, 2 Wall st., N. Y. City	450
Mrs. Mabel Osgood Wright, Fairfield, Conn	5
Mr. John A. King, exr. est. of Mary E. Wright, Ridgefield, Conn	23
Mrs. Phebe C. Wright, P. O. Sea Girt, N. J	18
Mrs. Sarah J. Wright, care of Delancy & Delancy, 2 Wall st., N. Y. City	113
Mrs. Katherine E. R. Wulsin, Madison rd., E. Walnut Hills, Cincinnati, Ohio	5
Miss Annie W. Wyeth, 87 Hawthorne ave., East Orange, N. J	1
Mr. G. L. Wyeth, room 906, Building	1
Annie W. Wyeth, trustee, 87 Hawthorne ave., East Orange, N. J	1
Mr. John D. Wyeth, admr., 63 William st., room 42, N. Y. City	25
Mr. Geo. Wyman, 2097 East 40th st., Cleveland, Ohio	35
Mr. Jeffries Wyman, 125 Milk st., Boston, Mass	1
Miss Mary T. Wynne, 11 East 20th st., N. Y. City	5
Mr. Michael Thomas Yarr, care of Holt & Co., 3 Whitehall pl., London, S. W., Eng	10
Mrs. Ida T. Yates, Hold check	10
Mr. John C. Yates, Ironwood, Mich	2
Mrs. Anna D. Yenni, 17 7th ave., Brooklyn, N. Y	100
Mr. Henry E. Yoemans, 51 Farmington ave., Hartford, Conn	5
Mrs. Anna S. Yerkes, care of Mr. J. B. Yerkes, room 1301, Building	92
Mr. J. B. Yerkes, room 1301, Building	3
Mr. T. P. Yerkes, Upper Alton, Ill	10
Mrs. Julia H. York, 2708 Euclid ave., Cleveland, Ohio	1,600
Mr. Roy F. York, 750 Euclid ave., Cleveland, Ohio	52
Mrs. Annie T. Young, 48 No. Broadway, White Plains, N. Y	2
Mr. Charles T. Young, care of National City Bank, Brooklyn, N. Y	14
Mr. Clarence H. Young, 425 State st., Albany, N. Y	15
Miss Cornelia A. Young, 425 State st., Albany, N. Y	15
Mrs. Cornelia H. Young, 452 State st., Albany, N. Y	55
Mr. C. E. Young, care of Standard Oil Co., Newark, N. J	15
Mrs. Fanny Taylor Young, care of Mr. C. E. Young, Standard Oil Co., Newark, N. J	16
Mrs. Ella B. Young, 76 Tilden ave., Cleveland, Ohio	34
Miss Frances Young, 19 Lenox st., Chevy Chase, Md	40
Mr. Horace G. Young, 425 State st., Albany, N. Y	400
Mr. Joseph C. Young, 964 Broad st., Newark, N. J	15
Miss K. V. Young, 518 Shady ave., Pittsburg, Pa	10
Miss Marian Young, 19 Lenox st., Chevy Chase, Md	40
Mrs. Martha L. Young, 2013 Fifth ave., N. Y. City	10
Mrs. Mary C. Young, care of Garfield Nat. Bank, 6th ave. & 23rd st., N. Y. City	50
Mrs. Minnie E. Young, 19 East 54th st., N. Y. City	50
Mrs. Minnie K. Young, 46 West 52nd st., N. Y. City	25
Mrs. R. E. Young, 518 Shady ave., Pittsburg, Pa	110
Mr. W. J. Young, P. O. Drawer 1255, Pittsburg, Pa	150
Miss Ida C. Youngdahl, care of Mrs. Kate S. Ketchum, 37 St. Pauls pl., Brooklyn, N. Y	2
Mrs. Gertrude L. Younglove, 407 Jefferson ave., Elizabeth, N. J	6
Est. of Cornelius Zabriskie, care of Brooklyn Trust Co., Brooklyn, N. Y	100
Mme. Carriclee Zaharoff, 4 Rue Chalgrin, ave. du Bois, Paris, France	72
Mr. Geo. Zahn, room 800, Building	5
Mr. Charles F. Ziegler, 714 Walnut st., Philadelphia, Pa	25
Mrs. Margaret E. Zimmerman, care of Lincoln Natl. Bank, 42 E. 42nd st., N. Y. City	9
Mr. Ray F. Zucker, care of Mr. Peter Zucker, 45 Broadway, N. Y. City	10
Mrs. Mary Adelaide Zuill, care of 2nd Nat. Bank, 5th ave. & 23rd st., N. Y. City	40

DEFENDANTS' EXHIBIT 2.

An agreement: Made and entered into this 1st day of April, 1903, between the New York Lubricating Oil Company of New York, N. Y., hereinafter to be known as party of the first part, and the Georgia Railroad of Augusta, Ga., hereinafter to be known as party of the second part.

1. The said party of the first part does hereby covenant and agree to furnish to the said party of the second part all lubricating oils and greases, in barrels, delivered at Augusta, Georgia, necessary to afford thorough and satisfactory lubrication of all locomotive engines, passenger coaches, and freight cars operated by the said party of the second part during a period of one year, next following the date upon which this agreement becomes effective, at the following prices, viz:

Valve oil, @ 45c. per gallon, less 20%, 36c. net.
Engine oil (for locomotives), @ 22½c. per gallon, less 20%, 18c. net.
Coach oil (for passenger cars), 20c. per gallon, less 20%, 16c. net.
Car oil (for freight cars), 15c. net.

2. The said party of the first part further agrees and guarantees that, under the above prices, *the total cost of lubrication*, in each class of service, respectively, shall be no more than stipulated as follows, viz:

For locomotives, general average (frt. & passgr.)	$0.92	per 1,000 miles
For passenger coaches	.09	per 1,000 miles
For freight cars	.065	per 1,000 miles

And the said party of the first part does hereby agree, that if the total cost of lubrication, under the prices per gallon, above quoted, shall exceed the stipulated guaranty upon the basis of mileage performance during the period covered by this agreement, to refund to the said party of the second part any sum of money necessary to make good the said guaranty of the total cost of lubrication per one thousand (1,000) miles run in each class of service.

3. The said party of the second part agrees to furnish to the said party of the first part monthly statements of the total number of miles run in each class of service (locomotives, passenger coaches, and freight cars) during the month and the total amount of each kind of oil, or grease, consumed in such service.

4. It is mutually understood and agreed that the said party of the second part shall pay the said party of the first part, in quarterly payments, at the prices per gallon specified, for all oils and greases delivered during each respective quarter upon requisition of the said party of the second part, and any discrepancy between total invoiced value of lubricants consumed and the total cost of lubrication, upon basis of mileage performance guaranteed, shall be settled by refund of such difference by the said party of the first part.

5. It is mutually understood and agreed that the amounts of oil and greases to be furnished and consumed shall be at the discretion of the said party of the second part, as the good of their service may dictate. But the said party of the second part does agree to use all due care and diligence to ensure a proper and economical use of the lubricants furnished by the said party of the first part under the provisions of this agreement.

6. The said party of the first part agrees and promises that all oils and greases furnished by them under the provisions of this agreement shall be thoroughly efficient and reliable and shall afford service entirely satisfactory to the said party of the second part.

7. When and from the time that the said party of the first part shall be receiving, net, the stipulated prices per gallon for the several grades of oil, the said party of the first part agrees to allow to the said party of the second part fifty cents (50c.) each for all oil barrels in which the oils of the said party of the first part have been furnished, f. o. b. Augusta, provided such barrels are in good condition, but until such time all empty barrels shall be considered the property of said party of the first part.

8. It is mutually understood and agreed that the guaranties of mileage performances by each class of equipment as specified herein shall be considered separately and distinctly—the guaranty of each class of equipment (1, locomotives; 2, passenger coaches; 3, freight cars) being understood to apply separately and severally.

9. Further: It is provided and mutually agreed between the parties hereto that the said party of the second part shall have the option and privilege of cancelling this agreement at any time during the life of same upon ninety (90) days' notice, duly given to the said party of the first part.

In witness whereof we, the parties hereto, have hereunto set our respective signatures and seals this 1st day of April, 1903.

New York Lubricating Oil Company,
By Philip Harrison,
Manager, Sales Department.
Georgia Railroad,
By Thos. K. Scott, *General Manager.*

(Endorsed:) By mutual agreement this contract is hereby extended for one (1) year, from April 1st, 1904, to March 31st, 1905, inclusive.

Signed by the respective parties this first (1st) day of April, 1904.

New York Lubricating Oil Co.,
Philip Harrison,
Manager, Sales Department.
Georgia Railroad,
By Th. K. Scott, *General Manager.*

DEFENDANTS' EXHIBIT 2-A.

Georgia Railroad Company.

Statement of mileage made by locomotives, passenger and freight cars, cost, amount used, etc., of valve, engine, coach, and car oils for year of April 1st, 1903, to Mar. 31/04.

Service and mileage.	Kinds of lubricants.	Gallons used.	Price per gallon.	Value.	Miles run per pint.	Cost per 1,000 miles.
Locomotives: Mileage, 2,481,620.	N. Y. L. O. valve oil	3,229 5/32	.36			
	Valve oil					
	N. Y. L. O. engine oil	7,059 3/8	.18			
	" car oil	4,033 1/8	.15			
	Other lubricants					
	Total	14,321 21/32		3,038.14		1.22
	Guaranteed cost at $.92 per 1,000 miles			2,283.09		
	Rebate % excess cost			755.05		
Passenger cars: Mileage, 3,102,580.	N. Y. L. O. coach oil					
	" car oil	1,477 1/2	.15	221.63		
	Other lubricants					
	Total	1,477 1/2		221.63		
	Guaranteed cost at $.09 per 1,000 miles			279.23		
	Rebate % excess cost			Nil.		
Freight cars, including work trains: Mileage, 19,593,897.	N. Y. L. O. car oil	8,884	.15	1,332.61		
	Other lubricants					
	Total	8,884		1,332.61		
	Guaranteed cost at $.065 per 1,000 miles			1,273.60		
	Rebate % excess cost			59.01		
Cars of all classes: Mileage.	N. Y. L. O. oils					
	"					
	Other lubricants					
	Total					
	Credit for E. O. B					
	Net cost					

Remarks:

Total rebate	$814.06
Cr. N. Y. L. O. Co. by empty bbls	232.00
Net excess cost	582.06

Guaranties on this contract were for each class of service *separately*.

Signed_____

_____

Address_____

Note: Mail this *report monthly*, and address all communications regarding reports and settlements to

New York Lubricating Oil Company,
35 Water St., New York, N. Y.

DEFENDANTS' EXHIBIT 2-B.

Georgia Railroad Company.

Statement of mileage made by locomotives, passenger and freight cars, cost, amount used, etc., of valve, engine, coach, and car oils for year of April 1, 1904, to March 31/05.

Service and mileage.	Kinds of lubricants.	Gallons used.	Price per gallon.	Value.	Miles run per pint.	Cost per 1,000 miles.
Locomotives: Mileage, 2,413,912.	NYLO valve oil	3,269.125	.36			
	Valve oil					
	NYLO engine oil	6,971.0875	.18			
	Other lubricants:					
	Car oil	5,349.18	.15			
	Grease ....lbs.	463	.07¾			
	Total	15,647.27		3,265.70		
	Guaranteed cost at $.92 per 1,000 miles			2,220.80		
	Rebate % excess cost			1,044.90		
Passenger cars: Mileage, 3,110,766.	NYLO car oil	1,422.67				
	Other lubricants					
	Total	1,422.67		213.40		
	Guaranteed cost at $.09 per 1,000 miles			279.97		
	Rebate % excess cost			Nil.		
Freight cars, including work trains: Mileage, 19,451,451.	NYLO car oil	9,936.95		1,490.54		
	Other lubricants					
	Total	9,936.95		1,490.54		
	Guaranteed cost at $.065 per 1,000 miles			1,264.34		
	Rebate % excess cost			226.20		
Cars of all classes: Mileage.	NYLO oils					
	Other lubricants					
	Total					
	Credit for E. O. B. @					
	Net cost					

Remarks:

Total rebate	$1,271.10
Cr. N. Y. L. O. Co. empty bbls	123.00
Net excess cost	1,148.10

Guaranties on this contract were for each class of service *separately*.

Signed _____

_____

Address _____

Note: Mail this *report monthly*, and address all communications regarding reports and settlements to

New York Lubricating Oil Company,
35 Water St., New York, N. Y.

DEFENDANTS' EXHIBIT 3.

This agreement, made and entered into this 2nd day of March, 1903, between the New York Lubricating Oil Company, of New York, N. Y., hereinafter known as the first party, and the Louisville & Nashville Railroad Company, of Louisville, Ky., hereinafter known as the second party.

1. The said first party does hereby covenant and agree to furnish to the said second party all lubricating oils and greases, in barrels, ten per cent to be delivered on tracks of second party in Cincinnati, Ohio, and about ninety per cent on its tracks in Louisville, Ky., except freight-car oil for consumption at Nashville, Tenn., and Mobile, Ala., which should be delivered on second party's tracks at those points in tank cars, the amount so to be delivered in tank cars being estimated at about ten per cent of the total requirements—necessary to afford thorough and satisfactory lubrication of all locomotive engines, passenger coaches, and freight cars operated by the said second party during a period of two years next following the date upon which this agreement becomes effective, at the following prices, viz:

Valve oil, at 45 cents per gallon, less 20%, 36c. net.
Engine oil (for locomotives), at 25 cents per gallon, less 20%, 20c. net.
Coach oil (for passenger cars), at 18 cents per gallon net.
Car oil (for freight cars), at 15 cents per gallon net.

2. The said first party further agrees and guarantees that, under the above prices, the *total cost of lubrication*, in each class of service, respectively, shall be no more than stipulated as follows, viz:

For locomotives, general average (frt. & pass'r)	$1.53	per 1,000 miles
For passenger coaches	.12	per 1,000 miles
For freight cars	.072	per 1,000 miles

And the said first party does hereby agree, that if the total cost of lubrication, under the prices per gallon above quoted, shall exceed the stipulated guaranty upon the basis of mileage performance during the period covered by this agreement, to refund to the said second party any sum of money necessary to make good the said guaranty of the total cost of lubrication per one thousand (1,000) miles run in each class of service.

3. The said second party agrees to furnish to the said first party monthly statements of the total number of miles run in each class of service (locomotive, passenger coaches, and freight cars) during the month, and the total amount of each kind of oil or grease consumed in each service.

4. It is mutually understood and agreed that the said second party shall pay the said first party, in quarterly payments, at the prices per gallon specified, for all oils and greases delivered during each respective quarter upon requisition of the said second party, and any discrepancy between total invoiced value of lubricants consumed and the total cost of lubrication, upon basis of mileage performance guaranteed, shall be settled by refund of such difference by the said first party.

5. It is mutually understood and agreed that the amounts of oils and greases to be furnished and consumed shall be at the discretion of the said second party, as the good of its service may dictate. But

the said second party does agree to use all due care and diligence to insure a proper and economical use of the lubricants furnished by the said first party under the provisions of this agreement.

6. The said first party agrees and promises that all oils and greases furnished by it under the provisions of this agreement shall be thoroughly efficient and reliable and shall afford service entirely satisfactory to the said second party.

7. When, and from the time that the said first party shall be receiving, net, the stipulated prices per gallon for the several grades of oil, the said first party agrees to allow to the said second party fifty cents (50 cents) each for all oil barrels in which the oils of the said first party have been furnished, f. o. b., Cincinnati, Ohio, provided such barrels are in good condition, but until such time all empty barrels shall be considered the property of the said first party.

8. It is mutually understood and agreed that the guaranties of mileage performances, by each class of equipment as specified herein, shall be considered separately and distinctly—the guaranty of each class of equipment (1, locomotives; 2, passenger coaches; 3, freight cars) being understood to apply separately and severally.

9. Further: It is provided and mutually agreed between the parties hereto that the said second party shall have the option and privilege of cancelling this agreement at any time during the life of same, upon ninety (90) days' notice duly given to the said first party.

In witness whereof, we, the parties hereto, have hereunto set our respective signatures and seals this 2nd day of March, 1903.

New York Lubricating Oil Company,
By Philip Harrison,
Manager Sales Dept.

Witness to signature of first party:
C. H. Borg.

Louisville & Nashville Railroad Company,
By J. P. Harrison,
Ass't Purchasing Agent.

Witness to signature of second party:
C. H. Borg.

DEFENDANTS' EXHIBIT 3-A.

Louisville & Nashville Railroad Company.

Statement of mileage made by locomotives, passenger and freight cars, cost, amount used, etc., of valve, engine, coach, and car oils for year of March 1st, 1903, to Feb. 29, 1904.

Service and mileage.	Kinds of lubricants.	Gallons used.	Price per gallon.	Value.	Miles run per pint.	Cost per 1,000 miles.
Locomotives: Mileage, 28,970,300.	NYLO valve oil	46,271 4/5	.36	16,657.72		
	Galena valve oil	15,893 3/5	.36	5,721.60		
	NYLO engine oil	61,040 4/5	.20	12,208.12		
	Other lubricants:					
	Galena engine oil	15,713 4/5	.20	3,142.69		
	New York frt. car oil	69,648 3/8	.15	10,447.27		
	Galena car oil	17,774 4/5	.15	2,666.18		
	New York coach oil	18 4/5	.18	3.33		
	New York coolg. comp., lbs.	3,310	4	132.40		
	Galena coolg. comp., lbs.	4,457	3	133.71		
	Total	227,331 1/5		51,113.02	1,593	1.7643
	Guaranteed cost at $1.53 per 1,000 miles.			44,324.56		
	Rebate % excess cost			6,788.46		
Passenger cars: mileage, 35,386,591.	NYLO coach oil	4,444 7/8	.18	800.08		
	Galena coach oil	2,786 3/8	.18	501.56		
	Other lubricants:					
	New York car oil	7,590 1/8	.15	1,138.52		
	Galena car "	1,869	.15	280.35		
	New York coolg. comp., lbs.	1,937	4	77.48		
	Galena coolg. comp.	6,516	3	195.48		
	Total	17,747		$2,993.47	249.24	.0846
	Guaranteed cost at $.12 per 1,000 miles			4,246.39		
	Rebate % excess cost			Nil.		
Freight cars, including work trains: Mileage, 296,436,094.	NYLO car oil	127,326 4/5	.15	19,098.98		
	Galena car oil	30,246	.15	4,536.90		
	Other lubricants:					
	New York coolg. comp., lbs.	3,649	4	145.96		
	Galena coolg. comp., lbs.	5,596	3	167.88		
	Total	158,728 1/8		23,949.72	233.44	.0808
	Guaranteed cost at $.072 per 1,000 miles.			21,343.99		
	Rebate % excess cost			2,605.73		
Cars of all classes: Mileage.	NYLO oils					
	Oils					
	Other lubricants					
	Total					
	Credit for E. O. B					
	Net cost					

Remarks:

Total rebate $9,394.19

Cr. N. Y. L. O. Co. empty bbls 3,860.50

Net excess cost 5,533.69

Guaranties on this contract were for each class of service *separately*.

Signed .....

.....

Address .....

Note: Mail this *report monthly*, and address all communications regarding reports and settlements to

New York Lubricating Oil Company,
35 Water St., New York, N. Y.

DEFENDANTS' EXHIBIT 3-B.

Louisville and Nashville Railroad Company.

Statement of mileage made by locomotives, passenger and freight cars, cost, amount used, etc., of valve, engine, coach, and car oils for year March 1st, 1904, to Feb. 28, 1905.

Service and mileage.	Kinds of lubricants.	Gallons used.	Price per gallon.	Value.	Miles run per pint.	Cost per 1,000 miles.
Locomotives: Mileage, 28,464,228.	NYLO valve oil	53,924⅝	36c.	19,412.85		
	Valve oil					
	NYLO engine oil	103,801⅝	20c.	20,760.33		
	Other lubricants:					
	N. Y. car oil	54,534⅜	15c.	8,180.25		
	N. Y. coolg. comp., lbs	2,987	4c.	119.48		
	NYLO grease	5,505⅞	7¾	426.62		
	Total	213,322¼		48,899.53	16.68	1.7179
	Guaranteed cost at $1.53 per 1,000 miles			43,550.27		
	Rebate account excess cost			5,349.26		
Passenger cars: Mileage, 36,971,842.	NYLO coach oil	6,734⅝	18	1,212.24		
	New York car oil	10,288⅛	15	1,543.22		
	Other lubricants:					
	New York coolg. comp., lbs.	8,438	4	337.52		
	Total	18,077⅝		3,092.98	255.65	.0837
	Guaranteed cost at $.12 per 1,000 miles			4,436.62		
	Rebate account excess cost			Nil.		
Freight cars: Mileage, 293,208,799.	NYLO car oil	160,358⅝	15c.	24,053.80		
	New York engine oil	231	20c.	46.20		
	Other lubricants:					
	New York coolg. comp., lbs.	2,696	4c.	107.84		
	Total	160,926⅝		24,207.84	227.75	.0826
	Guaranteed cost at $.072 per 1,000 miles			21,147.03		
	Rebate account excess cost			3,060.81		
Cars of all classes: Mileage.	NYLO oils					
	Other lubricants					
	Total					
	Credit for E. O. B					
	Net cost					

Remarks:

Total rebate	$8,410.07
Cr. N. Y. L. O. Co. empty bbls	3,742.50
Net excess cost	$4,667.57

Guaranties on this contract were for each class of service *separately*.

Signed_____

_____

Address_____

Note: Mail this *report monthly*, and address all communications regarding reports and settlements to

New York Lubricating Oil Company,
35 Water St., New York, N. Y.

DEFENDANTS' EXHIBIT 4.

An agreement entered into this the first day of February, 1905

Between the New York Lubricating Oil Company of New York, N. Y., hereinafter to be known as the first party, and the Central of Georgia Railway Company, hereinafter to be known as the second party, witnesseth:

1. The said first party hereby covenants and agrees to furnish to the said second party, for a period of one year next following the date of this agreement, all lubricating oils and greases necessary for the lubrication of the locomotives, passenger coaches, and freight cars in the service of the said second party, to be delivered in carloads, in barrels, f. o. b., Savannah, Georgia, at the following prices:

Locomotive valve oil, at 36c. per gallon, net.
Locomotive engine oil, at 20c. per gallon, net.
Freight car oil, at 15c. per gallon, net.

All oils delivered in tank cars to be two cents (2c.) per gallon less than above prices.

And the said first party further agrees and guarantees that the total cost of lubrication in all classes of service (locomotive, passenger coaches, and freight cars), under the prices above specified, shall not exceed the following amounts, respectively set opposite, viz:

Locomotives (all service)	$0.85 per 1,000 miles run
Passenger coaches	.10 per 1,000 miles run
Freight cars	.065 per 1,000 miles run

It being further understood and agreed that, if the total cost of lubrication in above specified classes of service, under the prices specified, should exceed the amounts guaranteed as the maximum total cost of lubrication, the said first party agrees to accept payment for all lubricants consumed during each calendar month in all of the classes of service herein specified, in a sum equivalent to the gross amount of the maximum cost of lubrication in each and all of the classes of service herein specified, as guaranteed by the said first party under the terms of this agreement. If the cost of lubrication in one or more classes of service should come below the guaranteed maximum cost, the saving so effected shall apply against the cost of any class or classes of service in which the guarantee is not accomplished.

2. The said first party agrees and covenants that the quality of the lubricants to be furnished under the terms of this agreement shall be such as to afford thoroughly efficient lubrication of the equipment of the said second party and that the quantity of the lubricants so to be furnished shall be determined by the said second party, as they, in their discretion, may deem necessary for the proper and satisfactory lubrication of their equipment. But it is provided, and hereby mutually agreed upon, that the said second party shall exercise all, and every, due diligence and care to insure that the lubricants furnished by the said first party are used and applied in the manner, and by methods, that will afford the greatest possible economy in the use of such lubricants.

And the said second party agrees to furnish free transportation to such agents and employes of the said first party for purpose of

supervision and inspection of the methods employed by the said second party in the handling and use of the lubricants furnished by the said first party. And the said second party further agrees to assist and cooperate with such agents and employes of the said first party, in securing the most economical results possible in the use and handling of the lubricants furnished by the said first party.

It is especially stipulated and understood, however, that it shall not be within the province of any agent, or employe, of the said first party to give any *orders*, of any character whatever, to any official, or employe, of the said second party, or to change any methods, or practices, which may be in effect by orders of the officials of the said second party; it being distinctly understood and agreed that any apparent lack of care, or bad practice, that is not remedied by a simple suggestion from the agent, or employe, of the first party must be reported to the general manager of the said second party (or such of his officials as he may designate), and such report to be treated by the said general manager as he may deem fit and proper, under the terms and spirit of this agreement.

3. The said second party agrees to make requisition upon the said first party for such lubricants as they may deem necessary for the proper and efficient lubrication of their equipment, as herein specified, to accept same, as herein provided, and to properly care for and distribute same so as to insure the greatest practicable degree of economy.

And the said second party agrees to pay for all lubricants received from the said first party, as same may be consumed, under the mileage guaranties, during the month next following that in which the said lubricants are consumed in the classes of service herein specified (locomotives, passenger coaches, and freight cars), and also to pay the said first party, at the prices per gallon, herein specified for any and all lubricants that may be used for any other service than in the lubrication of locomotives, passenger coaches, and freight cars. It is also *understood* and agreed that the said second party shall pay to the said first party, at the prices per gallon herein specified, in addition to the amounts already stipulated as the maximum cost of lubricants of locomotives, passenger coaches, and freight cars in regular service, one-half ($\frac{1}{2}$) the value of all lubricants that may be used in packing the journal boxes of any and all new cars constructed by the said second party during the period covered by this agreement, or its extensions.

And the said second party agrees to furnish to the said first party a monthly statement, for each calendar month, showing the total number of miles run in each class of service (locomotives, passenger coaches, and freight cars), the number of gallons of each lubricant used in each class of service, the total (invoice) cost of lubrication in each class of service, and the cost per thousand miles run in each class of service.

4. When and after the guaranteed maximum total cost of lubrication in each and every class of service is made good, as herein stipulated and specified, the said first party agrees to allow the said second party one dollar ($1.00) each for all empty barrels returned to the said first party in good condition, in carload lots, f. o. b. Savannah, Ga., at the option of said second party; but it is understood and agreed that until such guaranties are made good all empty barrels

in which the oils of the said first party are shipped are the property of the said first party, and the said second party shall be responsible for the return of such empty barrels to the said first party, in carloads, f. o. b. Savannah, Georgia, or in the event of failure to return said empty barrels as stipulated, the said second party shall pay to the said first party one dollar ($1.00) each for such barrels, the property of the said first party, that are not returned to the said first party as above specified.

5. It is mutually understood and agreed that this agreement and all of its stipulations shall continue in effect indefinitely after the expiration of the period for which it is specifically drawn, unless either of the parties hereto, one or the other, shall give ninety (90) days' notice, in writing, to the other of a desire for the conclusion or expiration of the same, and the terms, conditions, and stipulations herein shall continue to apply for a period of ninety (90) days next following the date of such notice in writing.

6. In the event that either of the parties hereto should deem that the other is not carrying out the spirit as well as the letter of this agreement, this agreement may be canceled, at the option of either of the parties hereto, upon the giving of ninety (90) days' notice, in writing, of a desire for such cancellation.

In witness whereof we, the parties hereto, have set our hands this day of

New York Lubricating Oil Company,

By ----------

DEFENDANTS' EXHIBIT 4-A.

CENTRAL OF GEORGIA RAILWAY RAILROAD COMPANY.

Statement of mileage made by locomotives, passenger and freight cars, cost, amount used, etc., of valve, engine, coach and car oils, for 15 months, February, 1905, to April, 1906, inc.

Service and mileage.	Kinds of lubricants.	Gallons used.	Price per gallon.	Value.	Miles run per pint.	Cost per 1,000 miles.
Locomotives: Mileage, 10,207,290.	NYLO valve oil	22956.1	.36	8264.20		
	Valve oil					
	NYLO engine oil	30569.2	.20	6113.85		
	Other lubricants:					
	NYLO car oil	17080.6	.15	2562.11		
	" grease	9708 lbs.	.07¾	752.37		
	Total	71819.3		17692.53		
	Guaranteed cost at $.88 per 1000 miles			8982.41		
	Rebate account excess cost			8710.12		
Passenger car: Mileage, 14,813,845.	NYLO coach oil					
	Other lubricants:					
	NYLO car oil	11165.3	.15	1674.80		
	Total	11165.3		1674.80		
	Guaranteed cost at $.10 per 1000 miles			1481.38		
	Rebate account excess cost			193.42		
Freight cars including work trains: Mileage, 88,172,429.	NYLO car oil	36852.7	.15	5527.93		
	Other lubricants					
	Total	36852.7		5527.93		
	Guaranteed cost at $.065 per 1000 miles			5731.21		
	Rebate account excess cost			None.		
Cars of all classes: Mileage.	NYLO oils					
	Other lubricants					
	Total					
	Credit for E. O. B.					
	Net cost					

Remarks:

Total rebate	$8,700.26
Cr. N. Y. L. O. Co. by empty bbls	1,198.00
Net excess cost	7,502.26

Signed _____

_____

Address _____

NOTE: Mail this *report monthly*, and address all communications regarding reports and settlements to

NEW YORK LUBRICATING OIL COMPANY,
35 Water St., New York, N. Y.

DEFENDANTS' EXHIBIT 5.

An agreement, made and entered into this the second (2nd) day of March, 1903, between the New York Lubricating Oil Company, of New York, N. Y., hereinafter to be known as the first party, and the Atlanta, Knoxville and Northern Railway Company, hereinafter to be known as the second party: Witnesseth:

1. The said first party hereby covenants and agrees to furnish to the said second party, for a period of two (2) years next following the date of this agreement all lubricating oils and greases necessary for the lubrication of the locomotives, passenger coaches, and freight cars in the service of the said second party, to be delivered in carloads, in barrels, f. o. b. Knoxville, Tennessee, at the following prices, viz:

Locomotive valve oil,	at 37.7c.	per gallon net.
Locomotive engine oil,	" 21.7c.	" " "
Passenger coach oil,	" 19.7c.	" " "
Freight car oil,	" 16.7c.	" " "

And the said first party further agrees and guarantees that the total cost of lubrication in each class of service (locomotives, passenger coaches, and freight cars), under the prices above specified, shall not exceed the following amounts, respectively, set opposite, viz:

Locomotives (all service)	$1.29	per 1,000 miles run.
Freight cars	.065	" " " "
Passenger coaches	.11	" " " "

It being further understood and agreed that if the total cost of lubrication in any of the above specified classes of service, under the prices specified, should exceed the amounts guaranteed as the maximum total cost of lubrication, the said first party shall refund to the said second party such amount, or amounts, as may be necessary to cover the difference between the actual cost, under the price per gallon specified, and the guaranteed maximum total cost of lubrication, in each class of service, as above set forth.

2. The said first party agrees and covenants that the quality of the lubricants to be furnished under the terms of this agreement shall be such as to afford thoroughly efficient lubrication of the equipment of the said second party, and that the quantity of the lubricants so to be furnished shall be determined by the said second party as they, in their discretion, may deem necessary for the proper and satisfactory lubrication of their equipment. But it is provided, and hereby mutually agreed upon, that the said second party shall exercise all and every due diligence and care to insure that the lubricants furnished by the said first party are used and applied in the manner and by methods that will afford the greatest possible economy in the use of such lubricants.

And the said second party hereby agrees to furnish free transportation to such agents and employees of the said first party as may be designated by the said first party for purposes of supervision and inspection of the methods employed by the said second party in the handling and use of the lubricants furnished by the said first party. And the said second party further agrees to assist and cooperate with such agents and employees of the said first party in securing the most economical results possible in the use and handling of the lubricants furnished by the said first party.

It is especially stipulated and understood, however, that it shall not be within the province of any agent or employee of the said first party to give any *orders*, of any character whatever, to any official or employee of the said second party, or to change any methods or practices which may be in effect by orders of the officials of the said second party; it being distinctly understood and agreed that any apparent lack of care or bad practice that is not remedied by a simple suggestion from the agent or employee of the first party must be reported to the general manager of the said second party (or such of his officials as he may designate), and such report to be treated by the said general manager as he may deem fit and proper under the terms and spirit of this agreement.

3. The said second party agrees to make requisition upon the said first party for such lubricants as they may deem necessary for the proper and efficient lubrication of their equipment as herein specified, to accept same as herein provided, and to properly care for and distribute same so as to insure the greatest practicable degree of economy.

And the said second party agrees to pay for all lubricants received from the said first party, at the prices per gallon herein specified, at the end of each three (3) months, commencing with the date of this agreement, during which the respective shipments are received.

And the said second party agrees to furnish to the said first party a monthly statement, for each calendar month, showing the total number of miles run in each class of service (locomotives, passenger coaches, and freight cars), the number of gallons of each lubricant used in each class of service, the total (invoice) cost of lubrication in each class of service, and the cost per thousand miles run in each class of service.

4. When and after the guaranteed maximum total cost of lubrication in each class of service is made good as herein stipulated and specified, the said first party agrees to allow the said second party fifty cents (50 cts.) each for all empty barrels returned to the said first party in good condition, in carload lots, f. o. b. Knoxville, Tennessee, at the option of said second party; but it is understood and agreed that until such guaranties are made good all empty barrels in which the oils of the said first party are shipped are the property of the said first party, and the said second party shall be responsible for the return of such empty barrels to the said first party, in carloads, f. o. b. Knoxville, Tennessee.

5. In the event that either of the parties hereto should deem that the other is not carrying out the spirit as well as the letter of this agreement, this agreement may be cancelled at the option of either party hereto upon the giving of ninety (90) days' notice, in writing, of a desire for such cancellation.

In witness whereof we, the parties hereto, have set our hands this second (2nd) day of March, 1903.

New York Lubricating Oil Company,
By Philip Harrison,
Manager, Sales Dept.

Atlanta, Knoxville & Northern Railway Co.,
By J. H. Ellis,
Vice-Prest. & Gen. Mgr.

DEFENDANTS' EXHIBIT 6.

8-17-04—300.—Henry Gabriel & Co., Printers, Buffalo.

Not to be posted.

PENNSYLVANIA RAILROAD COMPANY

Percentage Sheet No. 39.

Cancelling W. N. Y. & P. R. R. Percentage Sheet No. 221, effective November 7, 1892, and Supplement No. 1.

The percentages shown within will be applied to the Division of Revenue on business between stations on Buffalo, Rochester and Chautauqua Divisions of

PENNSYLVANIA RAILROAD COMPANY,

And all stations on

ROME, WATERTOWN AND OGDENSBURG DIVISION

of the

New York Central & Hudson River R. R.

as shown herein.

Route: Via East Buffalo, N. Y., or Rochester, N. Y.

Effective August 30, 1904.

EDWARD T. JOHNSON, D. F. A.,
B. & A. V. Div., P. R. R.
Buffalo, N. Y.

Buffalo, N. Y., August 23, 1904.
File 22801.

Between / and		Roads.	N. Y. C. & H. R. R. R. (R., W. & O. Division) groups.									
			Group A.		Group B.		Group C.		Group D.		Group E.	
			Miles.	Per cents.	Miles.	Per cents.	Miles.	Per cents.	Miles.	Per cents.	Miles.	Per cents.
Pennsylvania R. R. groups.	Group 1.	P. R. R.	100	40.00	100	40.00	100	30.96	100	21.93	100	20.00
		N. Y. C. & H. R. R. R.	150	60.00	150	60.00	223	69.04	356	78.07	443	80.00
	Group 2.	P. R. R.	121	40.88	157	51.14	157	41.32	157	30.60	157	26.17
		N. Y. C. & H. R. R. R.	175	59.12	150	48.86	223	58.68	356	69.40	443	73.83
	Group 3.	P. R. R.	186	51.52	222	59.68	222	49.89	222	38.41	222	33.38
		N. Y. C. & H. R. R. R.	175	48.48	150	40.32	223	50.11	356	61.59	443	66.62
	Group 4.	P. R. R.	75	30.00	75	27.27	75	21.55	75	20.00	75	20.00
		N. Y. C. & H. R. R. R.	175	70.00	200	72.73	273	78.45	406	80.00	493	80.00
	Group 5.	P. R. R.	140	44.44	140	41.18	140	33.90	140	25.64	140	22.12
		N. Y. C. & H. R. R. R.	175	55.56	200	58.82	273	66.10	406	74.36	493	77.88
	Group 6.	P. R. R.	140	44.44	222	59.68	222	49.89	222	38.41	222	33.38
		N. Y. C. & H. R. R. R.	175	55.56	150	40.32	223	50.11	356	61.59	443	66.62

ROUTE TABLE.

Between / and	Pennsylvania R. R. groups.		
New York Central & Hudson River R. R. groups.	Group 7.	Group 8.	Group 9.
Group F	East Buffalo.....N. Y.	East Buffalo.....N. Y.	Rochester.....N. Y.
Group G	Rochester..... "	East Buffalo..... "	Rochester..... "

Pennsylvania Railroad List of Stations.

Stations.		Percentage group No.	Route group No.	Stations.		Percentage group No.	Route group No.
Allegany	N. Y.	3	7	Limestone	N. Y.	3	7
Angola	"	5	8	Machias	"	4	8
Arcade	"	4	8	Marshburg	Pa.	3	7
Belfast	"	1	9	Mayville	N. Y.	5	8
*Black Creek	"	1	9	*Morrisons	Pa.	3	7
Blasdell	"	5	8	Mount Morris	N. Y.	1	9
Boughton	Pa.	5	8	Nunda	"	1	9
Bradford	"	3	7	*Nunda Junction	"	1	9
Brocton	N. Y.	5	8	Oil City	Pa.	6	7
*Bullis Mills	Pa.	2	7	Olean	N. Y.	4	8
Caneadea	N. Y.	1	9	Panama	"	5	8
*Carrollton	"	3	7	*Petroleum Centre	Pa.	5	8
Centreville(Crawford Co.)	Pa.	5	8	Piffard	N. Y.	1	9
Chaffee	N. Y.	4	8	Portage	"	1	9
Clermont	Pa.	2	7	Port Allegany	Pa.	2	7
Clymer	N. Y.	5	8	Portville	N. Y.	2	7
Colegrove	Pa.	2	7	Prospect	"	5	8
Corry	"	5	8	Protection	"	4	8
Corydon	"	3	7	*Quaker Bridge	"	3	7
Cuba	N. Y.	1	9	Red House	"	3	7
*Cuylerville	"	1	9	Rockwood	Pa.	3	7
Delevan	"	4	8	Rossburg	N. Y.	1	9
Derby	"	5	8	Rouseville	Pa.	5	8
*Dew Drop	Pa.	3	7	Salamanca	N. Y.	3	7
Dunkirk	N. Y.	5	8	Scottsville	"	1	9
Eagle Rock	Pa.	3	7	Sherman	"	5	8
East Aurora	N. Y.	4	8	Shippen	Pa.	2	7
East Bradford	Pa.	3	7	Silver Creek	N. Y.	5	8
Ebenezer	N. Y.	4	8	Smethport	Pa.	2	7
Eldred	Pa.	2	7	Sonyea	N. Y.	1	9
Elma	N. Y.	4	8	South Wales	"	4	8
Emporium	Pa.	2	7	Spartansburg	Pa.	5	8
*Farnham	N. Y.	5	8	Struthers	"	3	7
Fillmore	"	1	9	*Sugar Run	"	3	7
Fowlerville	"	1	9	Summerdale	N. Y.	5	8
Franklinville	"	4	8	*Swains	"	1	9
*Gardenville Junction	"	4	8	*Thompson	Pa.	3	7
Genesee Junction	"	1	9	Tidioute	"	3	7
Hickory	Pa.	3	7	Tionesta	"	3	7
Hinsdale	N. Y.	4	8	Titusville	"	5	8
Holland	"	4	8	Tryonville	"	5	8
Houghton	"	1	9	*Turtle Point	"	2	7
Hydetown	Pa.	5	8	Tuscarora	N. Y.	1	9
*Idlewood	N. Y.	5	8	Vandalia	"	3	7
Irving	"	5	8	Wadsworth Junction	"	1	9
Ischua	"	4	8	*Wanakah	"	5	8
Jamison Road	"	4	8	Warren	Pa.	3	7
Keating Summit	Pa.	2	7	*Watsonville	"	3	7
Kinzua	"	3	7	*Westons	N. Y.	2	7
Lake View	N. Y.	5	8	West Line	Pa.	3	7
Larabee	Pa.	2	7	*White Gravel	"	3	7
*Liberty	"	2	7	Wolf Run	N. Y.	3	7
Lime Lake	N. Y.	4	8	*York	"	1	9

* No agent. Freight must be prepaid.

R. W. & O. Division Stations.

Stations.	Percentage group letter.	Route group letter.
odel City....N. Y.		
ansomville.. "		
'ilson..... "		
'oomer..... "		
ewfane..... "		
ppleton..... "		
arker..... "		
ounty Line.. "		
yndonville .. "		
arlyon..... "	A	F
'aterport.... "		
arlton..... "		
ent..... "		
endall..... "		
orton..... "		
amlin..... "		
ast Hamlin.. "		
ilton..... "		
reece..... "		
Windsor Beach. "		
Sea Breeze.. "		
Forest Lawn "		
rinker Place. "		
'ebster..... "		
nion Hill.... "		
akeside..... "		
ntario..... "		
'illiamson... "		
odus..... "		
'allington.... "	B	G
lton..... "		
ose..... "		
'olcott..... "		
ed Creek.... "		
terling..... "		
rocketts..... "		
annibal..... "		
Wheelers.... "		
urniss..... "		
swego..... "		
ulton..... "		
hœnix..... "		
Three River Point. "	C	G
'oodard..... "		
iverpool..... "		
criba..... "	D	G

Stations.	Percentage group letter.	Route group letter.
New Haven..N. Y.		
Mexico..... "	D	G
Daysville.... "		
Pulaski..... "		
Fernwood.... "		
Union Square "		
Parish..... "		
Hastings (Oswego Co.) "		
Mallory..... "	E	G
CentralSquare "		
Brewerton... "		
Clay..... "		
Richland..... "		
Altmar..... "		
Kasoag..... "		
Williamstown "		
West Camden "		
Camden..... "	D	G
McConnellsville. "		
Blossvale..... "		
*†Humaston .. "		
Lacona..... "		
Mannsville... "		
Pierre pont Manor. "		
Adams..... "		
Adams Centre "		
Rices..... "		
Watertown .. "		
Brownville... "		
‡Dexter ..... "		
Limerick..... "		
Chaumont... "		
Three Mile Bay. "		
Rosiere..... "		
Cape Vincent "	E	G
*†Alversons... "		
Sacketts Harbor. "		
Black River.. "		
Felts Mills... "		
Great Bend.. "		
Carthage..... "		
Deer River... "		
Castorland... "		
Lowville..... "		
*†Martinsburg "		
Glenfield..... "		

Stations.	Percentage group letter.	Route group letter.
Lyons Falls.N. Y.		
Port Leyden "		
*§Denley..... "		
Boonville... "		
Alder Creek. "		
*§East Stueben. "		
Remsen..... "		
Prospect.... "		
*§Trenton Falls. "		
Barneveld .. "		
Holland Patent. "		
Stittville.... "		
*†Marcy..... "		
Sanfords.... "		
Evans..... "		
Philadelphia "		
Sterlingville. "		
*§Rivergate.. "		
*†Stroughs... "		
Orleans Corners. "		
Lafargeville. "		
Clayton..... "		
Theresa..... "	E	G
Redwood... "		
South Hammond. "		
Hammond.. "		
Briar Hill... "		
Morristown . "		
Ogdensburg. "		
Antwerp.... "		
Keenes..... "		
*§Mattoon.... "		
Gouveneur.. "		
Richville.... "		
De Kalb Junction. "		
Rensselaer Falls. "		
Heuvelton.. "		
Canton..... "		
*§Holden.... "		
Potsdam.... "		
Norwood.... "		
*†Plumbrook "		
Massena Springs. "		

* No agent. § No siding, L. C. L. only. † C. L. only.
‡ Plus $1.00 per car on C. L. shipments, and two cents per 100 lbs. on L. C. L. shipments. Switching and rminal charge at Dexter, N. Y., to be added to rate and allowed to N. Y. C. & H. R. R. R.

DEFENDANTS' EXHIBIT 7.

W. E. Wall, President, Cleveland, O.
V. B. Ward, 1st Vice-Pres., Pittsburg, Pa.
F. B. Fretter, 2nd V. P., Cleveland, O.
C. D. Chamberlain, Secy., Cleveland, O.
H. G. Eaton, Recording Secy., Warren, Pa.
E. H. Anderson, Treasurer, Pittsburg, Pa.

NATIONAL PETROLEUM ASSOCIATION,
OFFICE OF
WILLIAM E. WALL, PRESIDENT.

CLEVELAND, OHIO, *March 2nd, 1908.*

DEAR SIRS: To show the practical effect of the reestablishment of prorating arrangements by the railroad companies to New England territory, the Western Trunk Line territory, and the reduction in rates to Pacific coast points, Mr. Kellog, counsel for the Government in the case of the United States vs. the Standard Oil Company, desires a statement made up showing the amount of increase to the individual refiners since their reduction. New England lines reestablished prorating rates about July, 1906, Western trunk lines July, 1907.

Wont you please make a statement showing the amount of increased barrel shipments to each of the territories over the preceding year of the dates given above, so that it can be shown in evidence that we are deriving benefit from these prorating arrangements? If it can not be shown that we have been benefited it's possible that the railroad companies may go back to the old arrangements. Try and have this statement in to Mr. Chamberlain, secretary, National Petroleum Association, Cleveland, by return mail.

Yours, very truly,

(Signed) W. E. WALL, *President.*

WEW/PS

DEFENDANTS' EXHIBIT 8.

Incorporated in Record, at page 5454.

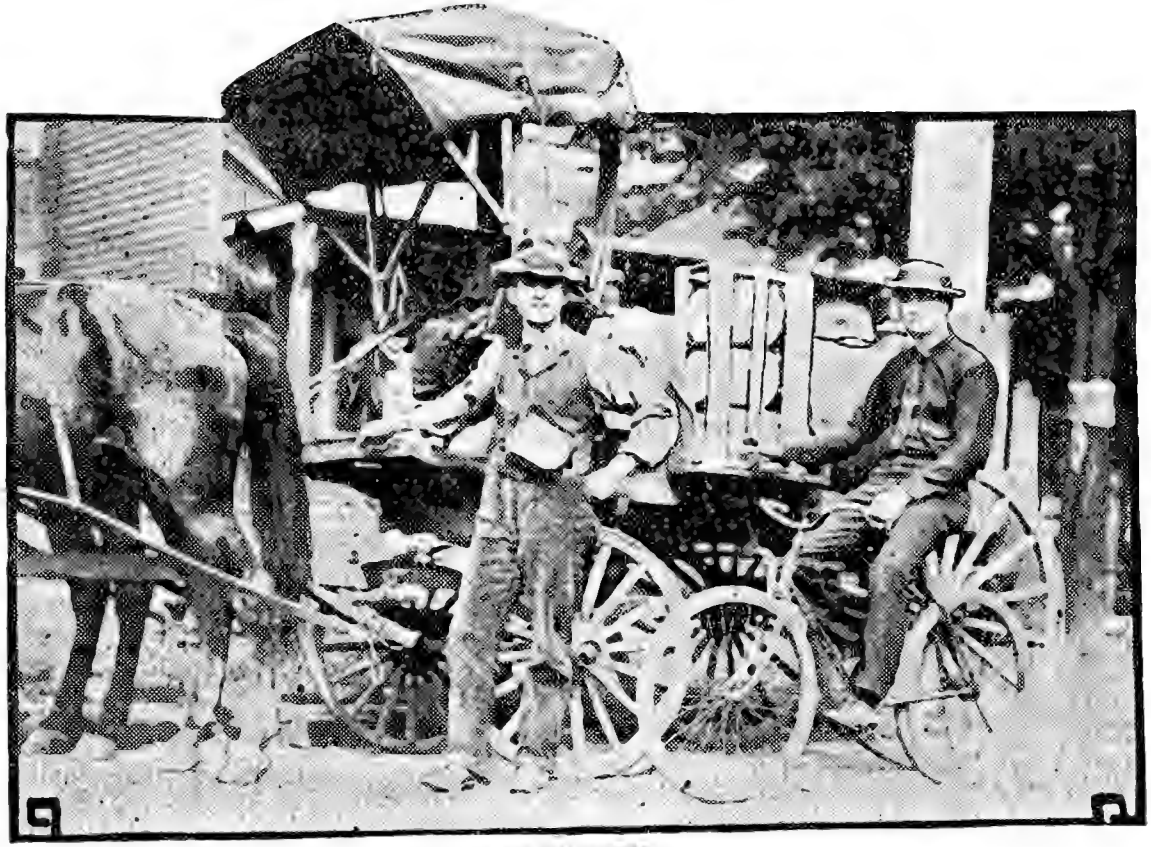
DEFENDANTS' EXHIBIT 9.

Statement of purchases from Standard Oil Co.

COMMERCIAL OIL CO. AND (COLUMBIA REFINING CO.), CITY.

April	2-07.	2 tanks Prime White	585.72	
		1 tank Water White	306.05	
	4	1 " Prime White	465.21	
	26	15/2 bbls. C. T. Black oil	33.02	
				1,450.94
May	24-07.	5 bbls. 25/2 bbls. 25/30 black	69.05	
		3 " Summer black oil	8.34	
	25	1 tank Car F, Pale pffne oil	295.35	
	27	2 " Diamond White	648.59	
	28	1 " " "	292.77	
				1,314.10
July	17-07.	1 tank Diamond White	292.82	
	18	1 " Water White	323.70	
				616.52
Aug.	26-07.	1 tank common oil	453.96	
	27	1 " " "	275.63	
	28	1 " " "	466.02	
	30	1 " Water White	304.55	
	31	1 " " "	3.6.10	
				1,826.26
Sept.	4-07.	1 tank Water White		504.40
Nov.	9-07.	1 tank common oil	307.28	
	"	1 " Water White	543.64	
	"	1 " common oil	308.09	
	27	1 " Diamond White	309.32	
	"	1 " Water White	340.52	
	29	1 " " "	544.01	
	30	1 " " "	339.31	
	"	1 " " "	308.80	
				3,000.97
Dec.	18-07.	1 doz. Rayo lamps	13.00	
		½ " " " shades	1.15	
	19	2 cases Xmas candles	4.00	
				18.15
Jan.	21-08.	1 tank Diamond White	310.51	
	22	1 " Water White	418.58	
				729.09
Feb.	6-08.	1 tank Water White	326.15	
	11	1 " Diamond White	293.85	
				620.00
				$10,080.43
Mar.	7-1908.	2 " Diamond White	552.59	
		1 " Water White	324.85	
				877.44
	Total			$10,957.87

DEFENDANTS' EXHIBIT 10.



OIL PEDDLERS.

DEFENDANTS' EXHIBIT 11.

NO TRUST OR MONOPOLY.

THE NATIONAL REFINING CO.

National Dynamo Oil.
Magic Dynamo Oil.
National Cylinder Oil.
National Red Engine Oil.
Red Seal Engine Oil.
Yucatan Boiler Compound.
Yucatan Boiler Compound.

Cleveland, Ohio.

National Light Oil.
White Rose Gasoline.
Supreme Light.
Reflection Light.
German Engine Oil.
German Valve Oil.
Black Beauty Axle Grease.

Distributing Points.

Kansas City, Mo.	Fremont, Neb.	East St. Louis, Ills.	Lafayette, Ind.
Leavenworth, Kans.	Dubuque, Ia.	Aurora, Ills.	Memphis, Tenn.
Salina, Kans.	Clinton, Ia.	Peoria, Ills.	Jackson, Miss.
North Topeka, Kans.	LaCrosse, Wis.	Joliet, Ills.	Little Rock, Ark.
Wichita, Kans.	Sioux City, Ia.	Monmouth, Ills.	Cleveland, Ohio.
Coffeeville, Kans.	Hannibal, Mo.	Keokuk, Ia.	Marietta, Ohio.
Omaha, Neb.	Springfield, Ills.	Moberly, Mo.	Findlay, Ohio.
Hastings, Neb.	Decatur, Ills.	Indianapolis, Ind.	Sedalia, Mo.
Enid, Okla.	Poplar Bluff, Mo.	Mankato, Minn.	

SAVE TROUBLE AND ANNOYANCE WITH YOUR GASOLINE STOVES BY USING WHITE ROSE GASOLINE.

DEAR MADAM:

We want your attention for just three minutes. YOUR TIME IS WORTH SOMETHING, consequently WE PAY YOU FOR IT by enclosing our check, which can be presented to your dealer in your town and he will deliver to you FREE one-half gallon of NATIONAL LIGHT OIL OR WHITE ROSE GASOLINE. If your dealer does not keep either NATIONAL LIGHT OR WHITE ROSE GASOLINE, INSIST ON HIS KEEPING IT, as he can purchase it from us and we will redeem our checks from him.

Do you know why your lamp when burning emits an offensive odor? Why it smokes the chimney? Why it chars the wick? Because the oil you are using is low grade and made from poor crude oil. Besides in using low grade oil there is great danger from explosions.

NATIONAL LIGHT OIL and WHITE ROSE GASOLINE may cost a little more but they go further. As a comparison, say NATIONAL LIGHT OIL OR WHITE ROSE GASOLINE costs you 10c. per gallon more than the common, low grade oil or gasoline that are being offered, the average house does not consume to exceed 25 gallons of either oil or gasoline in a year and should you pay 10c. a gallon more for it it only amounts to $3.00 per year or about 20c. additional per month. Where is the housewife that will clean up dirty chimneys for 20c. a month, to say nothing about the light you are deprived of.

Is it not true that your gasoline stove is not working properly? It is not the stove, but the poor gasoline which is the cause of this trouble. It, like the low grade oil is made from cheap crude oil and contains sulphur, which clogs up the burners, makes a red flame, and gives very little heat.

WHITE ROSE GASOLINE is manufactured from Pennsylvania crude oil, is double refined and double deodorized.

We claim that WHITE ROSE GASOLINE is not only sweeter and better in every respect, but that it is more economical. One gallon of WHITE ROSE GASOLINE will produce the same amount of heat as one and one-quarter gallons of ordinary gasoline, which is sold at but a few cents per gallon less.

We should be pleased to have you correspond with us direct should your dealer not give you the proper goods.

Yours, respectfully,

THE NATIONAL REFINING COMPANY,
Wholesale Agent.

NOTICE

In trying NATIONAL LIGHT OIL be sure and empty the lamp of the old oil, cleaning it thoroughly, put in a new, dry wick, and you will have the best of lights.

In trying WHITE ROSE GASOLINE, draw off all the old gasoline in the stove, then fill the reservoir with WHITE ROSE; it will burn with nice greenish flame of great heat; no odor.

Stamped:

Standard Oil Company
Received
Mar 18 1908
Columbus, Ohio.

DEFENDANTS' EXHIBIT 12-A.

PENNSYLVANIA SYSTEM.

Average guaranties for complete year nearest to 1904.

	Loco. mileage.	Avg. guar.	Guar. cost.
Penna. Lines East	102,181,079	1.7639	180,234.64
Penna. Company	27,313,137	1.30	35,507.08
P., C., C. & St. L	22,802,828	1.30	29,643.68
Total	152,297,044		245,385.40
Avg. guaranty (entire system)		1.6112	

	Pass. cars.	Avg. guar.	Guar. cost.
Penna. Lines East	166,361,811	.18765	31,217.79
Penna. Company	34,376,439	.0639	2,196.65
P., C., C. & St. L	40,187,030	.0873	3,508.33
Total	240,925,280		36,922.77
Avg. guaranty (entire system)		.1532	

	Frt. cars.	Avg. guar.	Guar. cost.
Penna. Lines East	1,134,014,855	.06132	69,539.78
Penna. Company	312,039,993	.059	18,410.33
P., C., C. & St. L	255,294,984	.059	15,062.40
Total	1,701,349,832		103,012.51
Avg. guaranty (entire system)		.06055	

DEFENDANTS' EXHIBIT 12-B.

CHICAGO, MILWAUKEE & ST. PAUL RAILROAD.

C., M. & St. P. mileage at average guarantee for 1904 of Pennsylvania system (year ending Jan. 31, 1904).

	Mileage.	Penn'a avg. guaran.	Cost.
Locomotive	40,554,509	1.6112	$65,341.42
Passenger	60,897,746	.1532	9,329.53
Freight	449,147,274	.06055	27,195.87
Cost to C., M. & St. P. at Penn'a guaran			101,866.82
Cost at " " C., M. & St. P., "			105,026.15
Excess cost to C., M. & St. P. over Penn'a System			3,159.33

C., M. & St. P. mileage at average guarantee for 1907 of Pennsylvania system (year ending Jan. 31, 1907).

	Mileage.	Penn'a avg. guaran.	Cost.
Locomotive	45,574,869	1.6112	$73,430.23
Passenger	68,121,928	.1532	10,436.28
Freight	500,987,698	.06055	30,334.60
			114,201.11
Actual amount paid by C., M. & St. P. for year ending Jan. 31, 1907			115,552.53
Excess paid by C., M. & St. P. as compared with Penn'a system on Penn'a guaranties of 1904			1,351.42

DEFENDANTS' EXHIBIT 12-C.

PENNSYLVANIA SYSTEM.

Average guaranties for year 1906.

	Loco. mileage.	Aver. guar.	Guar. cost.
Penna. Lines East	119,582,937	1.77	211,648.63
Penna. Co	30,938,390	1.90	58,782.94
P., C., C. & St. L.	24,490,029	1.90	46,531.05
Total	175,011,356	.....	316,962.62
Average guaranty (entire system)	.....	1.811	.....

	Pass. mileage.	Aver. guar.	Guar. cost.
Penna. Lines East	185,202,582	.1583	29,313.00
Penna. Co	38,641,550	.10	3,864.15
P., C., C. & St. L.	39,096,242	.10	3,909.62
Total	262,940,374	.....	37,086.77
Average guaranty (entire system)	.....	.1415	.....

	Frt. mileage.	Aver. guar.	Guar. cost.
Penna. Lines East	1,339,610,927	.0717	96,023.38
Penna. Company	332,561,483	.06	19,953.69
P., C., C. & St. L.	292,315,409	.06	17,538.92
Total	1,964,487,819	.....	133,515.99
Average guaranty (entire system)	.....	.068	.....

DEFENDANTS' EXHIBIT 12-D.

CHICAGO, MILWAUKEE & ST. PAUL RY.

C., M. & St. P. mileage at average guarantee for 1907 of Pennsylvania System (year ending Jan. 31, 1907.)

	Mileage.	Penn'a. Avg. guarantee.	Cost.
Locomotive	45,574,869	1.811	$82,536.08
Passenger	68,121,928	.1415	9,639 25
Freight	500,987,698	.068	34,067.16
Cost to C., M. & St. P. at Penn'a guar			126,242.49
Actual amount paid by C., M. & St. P			115,552.53
Amount Penn'a 1906-7 guarantees is in excess of amount paid by C. M. & St. P., year ending January 31, 1907			10,689.96

DEFENDANTS' EXHIBIT 13.

CHICAGO, MILWAUKEE & ST. PAUL RAILWAY COMPANY.

MOTIVE POWER DEPARTMENT.

Statement showing number of miles run per hot bearing under freight cars, 1892–1907.

Year.	Number of hot bearings.	Mileage.	Car miles to one hot box.
1892	8,109	337,403,285	41,608
1893	7,780	312,503,242	40,168
1894	6,115	276,300,355	54,184
1895	6,938	289,316,333	41,700
1896	7,779	306,773,585	39,436
1897	8,255	292,285,995	35,407
1898	6,637	344,752,791	51,945
1899	9,116	378,759,163	41,329
1900	8,628	400,818,214	48,455
1901	7,869	411,919,765	52,347
1902	7,208	442,864,874	61,441
1903	4,932	452,537,615	91,755
1904	5,126	438,322,022	85,510
1905	5,147	440,704,222	85,624
1906	5,912	476,729,609	80,569
1907	7,939	508,547,254	64,097
Avg	6,660	381,796,618	57,327

DEFENDANTS' EXHIBIT 14.

CHICAGO, MILWAUKEE & ST. PAUL RAILWAY COMPANY.

MOTIVE POWER DEPARTMENT.

Statement showing number of miles run per hot bearing under passenger cars, 1892-1907.

Year.	Number of hot bearings.	Mileage.	Car miles to one hot box.
1892	1,221	37,825,425	30,979
1893	965	38,735,451	40,140
1894	890	41,380,352	46,719
1895	720	38,482,233	53,448
1896	579	40,724,476	70,336
1897	445	41,558,748	93,390
1898	413	43,019,175	104,163
1899	507	44,600,195	87,969
1900	786	49,151,833	62,534
1901	875	52,303,001	59,661
1902	670	54,896,268	81,935
1903	362	58,140,327	160,609
1904	451	62,020,833	137,518
1905	276	62,952,105	228,087
1906	185	65,447,919	353,773
1907	205	68,902,902	336,112
Avg	597	50,020,078	83,803

DEFENDANTS' EXHIBIT 15.

CHICAGO, MILWAUKEE AND ST. PAUL RAILWAY CO.

MOTIVE POWER DEPT.

Statement showing number of engines owned & average weight and tractive power per engine.

	1897.	1906.
Number of engines owned	841	1,080
Total weight	71,583,285	118,924,440
Average weight	85,117	110,115
Per cent of increase	.....	29.4%
Total tractive power	11,868,180	19,905,372
Average tractive power	14,112	18,431
Per cent of increase	.....	30.9%

DEFENDANTS' EXHIBIT 16.

CHICAGO, MILWAUKEE & ST. PAUL RAILWAY COMPANY.

MOTIVE-POWER DEPARTMENT.

Year.	Freight cars.				Passenger cars.			Av'g. cost per 1,000 miles.
	Total freight-car mileage.	Total oil used.	Value of oil used.	Cost per 1,000 miles.	Pass. car mileage.	Value of oil used.	Cost per 1,000 miles.	
1885	215,459,302	322,724	59,822.38	27.7	28,934,204	10,065.51	34.7	28.5
1886	236,140,449	249,853	45,091.78	19.0	30,800,838	9,005.58	29.2	20.2
1887	250,774,965	207,893	37,592.31	14.9	31,600,964	7,165.12	22.6	15.8
1888	261,400,022	206,226	37,522.24	14.3	33,338,993	10,062.30	30.2	16.1
1889	250,990,286	193,181	36,084.92	14.3	34,964,797	10,886.34	31.1	16.4
1890	263,983,840	239,231	35,614.96	13.4	36,642,687	11,301.41	30.8	15.6
1891	305,482,841	292,928	46,368.54	15.1	38,636,642	12,056.10	31.2	16.9
1892	337,403,258	303,620	40,607.72	14.4	40,756,097	10,977.93	26.9	15.7
1893	312,503,242	243,892	39,713.41	12.7	43,304,236	12,496.17	28.8	14.6
1894	276,300,355	194,365	32,246.00	11.6	38,477,649	10,310.26	26.7	15.5
1895	289,316,350	145,818	26,501.52	9.1	39,601,970	7,169.68	18.1	10.2
1896	315,810,428	164,589	30,335.92	9.6	40,724,476	6,750.10	16.6	10.4
1897	292,285,995	143,036	26,429.04	9.0	41,558,748	6,552.34	15.8	9.9
1898	344,752,791	167,976	31,190.44	9.0	43,019,175	6,490.28	15.5	9.9
1899	376,759,163	152,558	28,545.58	7.6	44,600,195	7,028.71	15.8	8.4
1900	400,081,405	149,657	27,824.02	7.0	48,969,681	8,288.92	16.9	8.0
1901	411,919,765	128,559	22,152.37	5.4	52,203,001	7,651.27	14.7	6.1
1902	442,864,874	119,803	21,940.77	5.0	54,896,268	8,158.67	14.9	6.1
1903	452,537,614	119,723	21,968.06	4.9	58,146,327	7,927.58	13.6	5.9
1904	438,322,022	111,708	20,330.94	4.6	62,020,833	7,268.97	11.7	5.5
1905	440,704,222	103,828	18,695.65	4.2	62,952,105	6,785.73	10.8	5.1
1906	476,729,609	109,255	19,672.29	4.1	65,447,919	6,440.61	9.8	4.8
1907	508,293,818	87,891	15,825.32	3.1	68,804,905	5,778.92	8.4	3.7

1896 to 1900 inclusive, fiscal year basis, oil used in new cars omitted.

DEFENDANTS' EXHIBIT 17.

CHICAGO, MILWAUKEE AND ST. PAUL RY.

MOTIVE-POWER DEPT.

Cars owned by C., M. & St. P. Ry.—Subdivided by capacity.

Journals.	Capacity.	1897.	1906.
3¾" x 7"	40,000	11,053	9,012
4¼" x 8"	60,000	6,907	24,840
5" x 9"	80,000	.....	1,935
5½" x 10"	100,000	.....	2,216

W. E. BEECHAM,
Car Accountant.

CHICAGO, *April 28, 1908.*

DEFENDANTS' EXHIBIT 18.

Memorandum showing the class and weight of locomotives purchased each year, 1897 to 1906, inclusive.

Years.	Number.	Class.	Weight.	Total.
1897	7	Mogul	126,000	882,000
	6	10 wheel pass	144,500	867,000
	8	8 " "	120,000	960,000
	4	6 " switch	94,000	376,000
Total	25			3,085,000
1898	13	Mogul	126,000	1,638,000
	4	10 wheel pass	149,700	598,800
	1	8 " "	121,000	121,000
Total	18			2,357,800
1899	16	10 wheel freight	157,200	2,515,200
	5	10 " pass	149,700	748,500
	5	6 " switch	115,600	578,000
Total	26			3,841,700
1900	1	Consolidation	203,000	203,000
	1	12 wheel freight	221,450	221,450
	24	10 " freight	157,200	3,772,800
	15	10 " pass	149,700	2,245,500
	6	6 " switch	118,900	713,400
Total	47			7,156,150
1901	23	10 wheel freight	157,200	3,615,600
	10	10 " pass	149,700	1,497,000
	14	Mogul	167,200	2,340,800
	16	6 wheel switch	118,900	1,902,400
Total	63			9,355,800
1902	1	Atlantic	178,600	178,600
	1	Prairie	201,800	201,800
	4	10 wheel pass	149,700	598,800
	1	10 " freight	167,880	167,880
	44	Mogul	167,200	7,356,800
	10	Consolidation	188,000	1,880,000
	5	6 wheel switch	118,900	594,500
Total	66			10,978,380
1903	10	Atlantic	178,600	1,786,000
	48	Consolidation	188,000	9,024,000
	5	6 wheel switch	118,900	594,500
Total	63			11,404,500
1904	10	6 wheel switch	138,500	1,385,000
	65	Consolidation	200,000(10)	2,000,000
			178,900(4)	715,600
			188,000(51)	9,588,000
	9	Atlantic	188,000	1,692,000
Total	84			15,380,600
1905	10	6 wheel switch	118,900	1,189,000
	56	Consolidation	203,500(30)	6,105,000
			188,000(26)	4,888,000
	6	Atlantic	187,000	1,122,000
Total	72			13,304,000
1906	5	Pacific	224,000	1,120,000
	25	Consolidation	203,500	5,087,500
	10	6 wheel switch	138,500	1,385,000
Total	40			7,592,500
Gr. total	504			84,456,430

Engine only.

DEFENDANTS' EXHIBIT 19.

ILLINOIS CENTRAL RAILROAD.

The average weight of all locomotives in service in 1906 was 130,507 lbs., and, in 1897, 100,656 lbs., an increase of 30 per cent. We have to-day in use 18 Pacific type passenger engines, each weighing 224,000 lbs., for engine alone.

DEFENDANTS' EXHIBIT 20.

The average tare weight of all freight cars in service in 1906 on the Illinois Central was 32,300 lbs., and in 1897, 27,000 lbs., an increase of 19.63 per cent. The tare weight of steel coal cars of 50 tons capacity to-day is 42,000 lbs., and with full load, with 10% above marked capacity, would be 152,000 lbs., against about 110,000 lbs. 15 years ago, or an increase of about 40%.

The average tonnage capacity of all freight cars in service in 1906 was 34.78 tons, and, in 1897, 24.42 tons, 42.51 per cent increase.

DEFENDANTS' EXHIBIT 21.

ILLINOIS CENTRAL RAILROAD.

Increase in freight cars and journal bearing surface, 1897 and 1906.

Size of journal.	Bearing surface.	
	Per journal.	Per car.
3¾" x 7"	41.2125 sq. in.	329.7 sq. in.
4¼" x 8"	53.38 " "	427.04 " "
5" x 9"	70.686 " "	565.488 " "
5½" x 10"	86.394 " "	691.152 " "

Size of journal.	1897.		1906.	
	No. cars.	Journal bearing surface.	No. cars.	Journal bearing surface.
3¾ x 7	12,889	4,249,503.3 sq. in.	7,734	2,549,899.8 sq. in.
4¼ x 8	9,825	4,195,668.0 " "	17,786	7,595,353.44 " "
5 x 9	0	0	28,044	15,858,545.472 " "
5½ x 10	0	0	2,011	1,389,906.67 " "
Total	22,714	8,445,171.3 " "	55,575	27,393,685.384 " "

Increase in no. of cars 32,861, or 144.8%.
" " journal bearing surface 18,948,541.08 sq. in., or 224.5%.
Cost of frt. car lubrication 1897 11 mos. $33,992.23.
" " " " " 1906 12 " $35,164.15.

DEFENDANTS' EXHIBIT 22.

ILLINOIS CENTRAL.

Locomotives.

Term.	Loco. Milge.	Cost.	Cost per 1,000 miles.
11 months end. 6/30/97	24,176,682	38,669.69	$1.599
12 " " 7/31/98	30,834,668	51,701.87	1.676
12 " " 7/31/99	29,829,769	50,726.40	1.701
12 " " 7/31/00	34,339,636	64,790.64	1.886
12 " " 7/31/01	37,590,557	69,211.72	1.841
12 " " 7/31/02	36,647,701	72,558.78	1.979
12 " " 7/31/03	39,939,288	89,417.66	2.239
12 " " 7/31/04	40,324,937	86,000.98	2.133
12 " " 7/31/05	38,734,763	81,795.00	2.111
12 " " 7/31/06	39,367,444	79,297.57	2.014

Passenger cars.

Term.	Pass. car mileage.	Cost.	Cost per 1,000 miles.
11 months end. 6/30/97	34,270,841	6,413.23	c.18.71
12 " " 7/31/98	43,339,510	7,558.45	17.44
12 " " 7/31/99	41,618,575	5,784.03	13.90
12 " " 7/31/00	46,163,461	7,910.37	17.13
12 " " 7/31/01	49,909,711	9,066.98	18.16
12 " " 7/31/02	52,255,032	8,986.98	17.19
12 " " 7/31/03	55,221,325	9,868.57	17.87
12 " " 7/31/04	56,965,710	9,743.63	17.10
12 " " 7/31/05	60,484,976	8,209.87	13.57
12 " " 7/31/06	60,109,300	8,301.94	13.81

Freight cars.

Term.	Freight car mileage.	Cost.	Cost per 1,000 miles.
11 months end. 6/30/97	272,291,871	33,992.23	c.12.48
12 " " 7/31/98	340,379,742	30,381.16	11.27
12 " " 7/31/99	320,884,804	29,933.63	09.32
12 " " 7/31/00	372,267,301	31,532.47	08.47
12 " " 7/31/01	406,832,709	29,603.39	07.27
12 " " 7/31/02	407,691,554	30,100.09	07.38
12 " " 7/31/03	455,905,312	38,265.00	08.39
12 " " 7/31/04	460,008,357	38,156.65	08.29
12 " " 7/31/05	461,256,653	35,786.62	07.75
12 " " 7/31/06	487,695,278	35,164.15	07.21

DEFENDANTS' EXHIBIT 23.

LEHIGH VALLEY RAILROAD.

Record of hot bearings for one yr. prior to May 1, 1897, compared with a similar period in 1907–8.

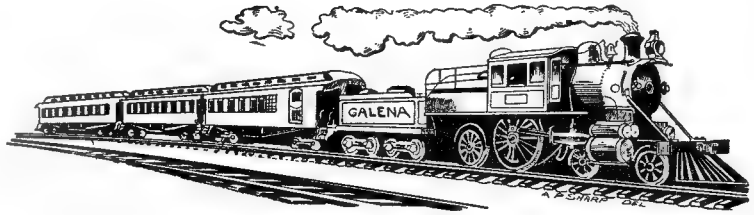
	Fiscal year ended Nov. 30th, 1896.	Fiscal year ended June 30th, 1907.
Hot boxes on freight cars	43,288	12,339
Revenue freight tons hauled one mile	2,889,539,293	4,770,099,930
Revenue freight tons hauled one mile per hot box	66,752	386,587
Hot boxes on passenger cars	678	131
Passenger car mileage	21,152,956	23,829,139
Passenger car miles per hot box	31,199	181,902
Hot boxes and bearings on locomotives	3,111	314
Locomotive mileage	24,233,963	22,389,935
Locomotive mileage per hot box or bearing	7,789	71,306

Tonnage taken from fiscal year reports.

DEFENDANTS' EXHIBIT 24.

COST OF WASTE.

	Year ended Nov. 30/96	Year ended. June 30/07
On freight cars per 1000 tons hauled one mile	.0054	.0032
On locomotives per 1000 tons hauled one mile	.00112	.00071
On passenger cars per 1000 passenger car miles	.0950	.0721



LUBRICATION

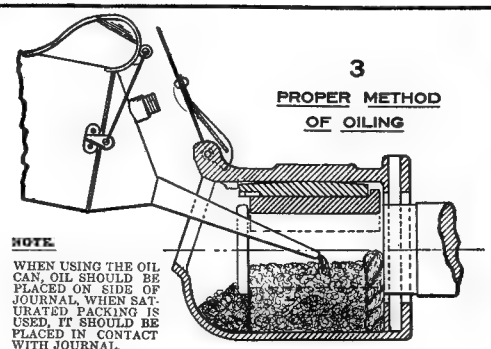
Instructions for the Preparation of Packing for Journal Boxes

1st. Submerge the waste in oil about 48 hours, then drain off surplus oil, allowing sufficient to remain to approximately equal four to five pints of oil per pound of dry waste, when the packing will be ready for use. This work should be performed in a room during cold weather, at a temperature of about 70 degrees.

2nd. The packing placed in journal box first should be in form of a roll pressed out moderately dry and packed tightly around back end of box, for the purpose not only of retaining the oil, but also to better exclude the dust, as shown on Diagram and Note Number 1.

3rd. Then proceed to pack the box, with loosely formed packing, as shown on Diagram and Note Number 2, sufficiently firm under the journal to avoid settling away, which is caused by shocks when car is in motion, packing it more lightly on each side of the journal, to avoid the wiping effect produced when waste is pressed too tightly between journal and side of box. Height of packing should not extend above center line of journal and not beyond inside of collar, as indicated on Diagram and Note Number 3, and thus avoid bad results caused by an excess of packing and boxes packed too tight.

4th. The portion of packing placed between end of journal and front end of box, being the last put in the box, (shown on Diagram No. 3), should have no thread connection with packing under or on side of journal, and should not extend more than one-half inch above lower edge of collar. This packing affords no means of lubrication to the journal, but prevents packing on sides and under journal from working forward out of normal position for satisfactory service.



3

PROPER METHOD OF OILING

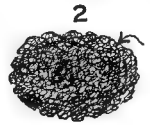
NOTE.

WHEN USING THE OIL CAN, OIL SHOULD BE PLACED ON SIDE OF JOURNAL, WHEN SATURATED PACKING IS USED, IT SHOULD BE PLACED IN CONTACT WITH JOURNAL.

1

NOTE.

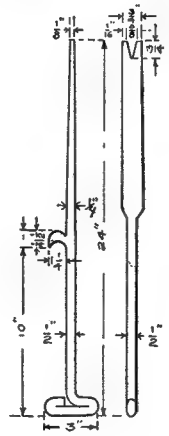
PACKING SHAPED THUS IN A TWISTED FORM TO BE PLACED IN BACK OF BOX, TO BETTER EXCLUDE DIRT, AND AVOID WASTE OF OIL.

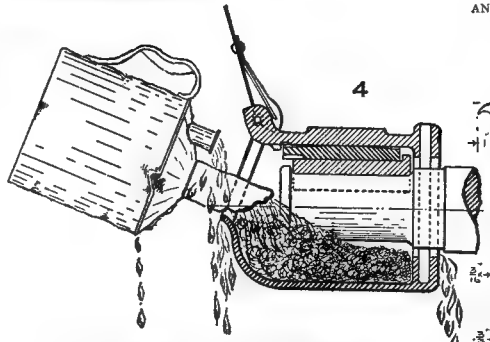


2

NOTE.

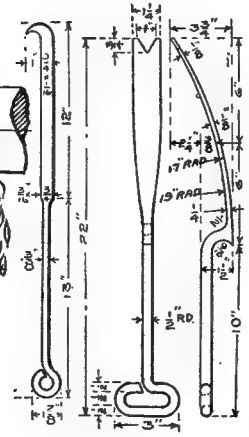
BALANCE OF BOX TO BE PACKED WITH LOOSELY FORMED PORTIONS THUS, PACKED FIRMLY UNDER, AND MORE LIGHTLY ON SIDES OF JOURNAL. THE PORTION IN FRONT OF BOX TO BE SEPARATE FROM THAT BACK OF COLLAR OF JOURNAL. THIS METHOD OF PACKING JOURNAL BOXES WILL PREVENT THE PACKING FROM BEING PULLED OUT OF POSITION ON THE SIDES AND BACK PORTION OF BOX.



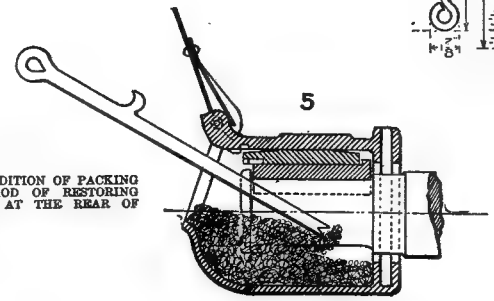


4

IMPROPER METHOD OF OILING.



STEEL PACKING TOOLS



5

NOTE.

A BAD CONDITION OF PACKING AND METHOD OF RESTORING THE SAME AT THE REAR OF THE BOX.

Care of Packing in Journal Boxes

The most important part of the work for successful lubrication is, intelligent attention to the packing in boxes on equipment in service, and it briefly consists of lightly loosening up the packing on each side of journal to avoid the hardened and glazed condition, which is caused by the packing remaining too long in direct contact with journal. This work can be effectively accomplished by the use of a good steel tool, which should have a sharp V-shaped end, as shown on Diagrams, and thus secure a free flow of oil from packing to journal.

Attention should be given passenger equipment cars at intervals of one thousand miles run on the arrival at terminals, and on freight cars at such intervals as the condition of the packing will indicate that it is necessary, when examined at principal oiling stations. Oil should ***not*** be added to journal boxes until the condition of packing is ascertained to require oil, avoiding the excess use of same, as is evidenced by the accumulation on the wheels and outside of boxes.

When using the Oil Can, oil should be placed on side of journal, as shown by Diagram No. 3, and when Saturated Packing is used as a lubricant it should be placed in contact with journal.

Cars in shops for general repairs should have packing removed and boxes repacked with freshly saturated packing. Packing removed should be repicked and resaturated for future use. This work should not be done at closer intervals than twelve months, the object being to maintain an elastic condition of packing, and thus avoid the solid condition the packing assumes when allowed to remain in boxes for too long a time.

Brasses should not be transferred from one journal to another, and before applying suitable sized brasses the journal and the surface of the brass should be cleaned and oiled with Galena Car Oil or Centre Plate Grease.

All new and good second-hand journals should be protected from rust by the use of Centre Plate Grease.

A new close-fitting Dust Guard should be applied in all cases when removing wheels, and when practicable after a hot journal has occurred.

For the lubrication of journals by trainmen, Saturated Packing should be furnished; all packing removed should be returned to points where it is prepared for distribution.

Grit Publishing Co., Williamsport, Pa.

DEFENDANTS' EXHIBIT 26.

LEHIGH VALLEY RAILROAD.

Statement showing reduction in cost in lubrication.

	Fiscal year ended Nov. 30th, 1896.	Fiscal year ended June 30th, 1907.
FREIGHT CARS.		
Revenue freight tons hauled one mile	2,889,539,293	4,770,099,930
Cost of lubricating freight cars	$20,676.47	$20,985.01
Cost of lubricating freight cars per 1,000 tons hauled one mile	.00715	.0044
PASSENGER CARS.		
Passenger car mileage	21,152,956	23,829,139
Cost of lubricating passenger cars	5,634.80	6,496.52
Cost of lubricating passenger cars per 1,000 miles	.2664	.2726
LOCOMOTIVES.		
Number of engines in service	754	857
Total weight of engines ... tons	60,865	102,801
Average weight of engines ... do	80.72	120
Total cost of lubrication	$36,766.84	$50,646.21
Cost of lubrication per ton-weight	$.6046	$.4926

Cost per ton weight for year ending Nov. 30, 1896	$.6046
" " " " " " " June 30, 1907	.4926
Decrease	.1120
"	18.5%
Weight of locomotives increased	69 %
Cost of lubrication increased	37 %

DEFENDANTS' EXHIBIT 27.

Percentage of increase in weight of locomotives and weight and capacity of freight cars in past eleven years.

	November 30, 1896.	June 30, 1907.
Average weight of engines	161,446#	239,909#
Increase	78,463# or 48%	
Total tons capacity of freight cars	897,160	1,357,740.5
Average tonnage capacity per car	18.9	32.8
Increase	13.9 tons or 73%	
Total light weight of freight cars	985,618,800#	1,255,734,300#
Average light weight per car	20,628#	30,309#
Increase	9,681 or 47%	

DEFENDANTS' EXHIBIT 28.

GALENA-SIGNAL OIL COMPANY.

QUESTIONS FOR DISCUSSION.

SEVENTEENTH ANNUAL CONVENTION

SALESMEN AND MECHANICAL EXPERTS

June, Nineteen Hundred and Eight

STREET RAILWAYS.

MACHINERY IN POWER HOUSES.

1. Would it not be well to have for use of experts simple models of power-house logs for small plants, where no systematic records are kept? Also, operating expense charts?
2. What are the advantages of filtering oil through oil rather than water in power stations?
3. In filtering engine, dynamo, and turbine oils, what benefits, if any, are derived from the use of water in the filters?
4. What is the best scheme for measuring the daily consumption of engine, dynamo, and turbine oils in power stations using filters, settling tanks, and a circulating system?
5. Best form of filters for gravity oiling system?
6. Has anyone found any device to save oil lost by filters overflowing, due to carelessness in operation?
7. Advisability of installing cooling apparatus between filters and storage tanks in gravity oiling system?
8. Which is the best way to make an efficient home-made oil filter?
9. What seems to be the matter with the Turner filter recommended by the G. E. Company for their Curtis turbines?
10. What is considered the best make of water trap?
11. What has been accomplished in the way of reclaiming valve oil in power plants?
12. Has any trouble been experienced from hot main bearings on large direct connected reciprocating units caused by generator?
13. Cylinder and valve lubrication of Corliss engines. What has proven to be in practice the best method under all conditions, the oil used being power house valve?
14. Has any difficulty been experienced in lubricating ends of exhaust valves on large Corliss engines?
15. Under favorable conditions, what per cent of the valve oil fed to high-pressure cylinder reaches the low-pressure cylinder of compound engines?
16. When a power house has been using high and low pressure valve oils, what success, not only as to mechanical conditions, but as

to cost, has been attained when Galena power house valve oil has been introduced?

17. Has any trouble been experienced by boiler compounds affecting cylinder lubrication?

18. When one cylinder in a pair of stationary engines requires more oil than the other, what is the cause?

19. What is the temperature of superheated steam for turbines? Are there any ill effects from high temperature?

20. Opinion of experts as to the advisability of using a special oil for the low pressure cylinders of compound condensing engines working under a high vacuum and low receiver pressure?

21. What progress has been made in removing hand oil pumps for cylinder lubrication on auxiliary engines?

22. When power-house engineers object to using engine oil to lubricate the piston-rod packing on account of the odor, what is the best way to meet that objection?

23. Is it necessary to use valve oil on piston rods of engines using metal packing?

24. What experience has there been with red metal piston packing?

25. Steam turbines. Parsons or Curtis. Oil used and results obtained.

26. What trouble has been encountered in turbine lubrication? What are the conditions and how remedied?

27. What experience and results obtained in the lubrication of a double flow (new) Westinghouse steam turbine?

28. Storage capacity and method of caring for oil used on turbine bearings.

29. What success has been obtained by the experts with Galena turbine oil; what troubles have been encountered; what remedies applied?

30. Relation and cost of lubrication for auxiliary machinery as to that of steam turbines.

31. As it is apparent that gas engines are being seriously considered as the coming engine, what are the requirements as to a suitable oil for lubrication of cylinders of same and best method of application?

32. What success and what has been the result in the lubrication of a Worthington convertible dry vacuum pump?

33. What kind of oil is adapted to lubricate a vertical high speed engine running in an oil bath so that emulsification will not take place?

34. Advisability of using cheap grade of oil on slow moving equipment, such as coal conveyors, ash hoists, etc.

35. What kind of oil is required to lubricate a gasoline engine?

ELECTRIC CAR LUBRICATION.

36. What is being done to overcome the necessity of oil cups in the old type motors?

37. Under average conditions, electric cars operated in city limits, what mileage can be made with wick feed cups before they require cleaning? What is the best method of cleaning?

38. Comparative cost per thousand miles run, four motor cars equipped with wick feed cups, with same type of car and motors, equipped with felt pads and waste?

39. For double truck cars with four motors, what is a fair average cost per thousand miles?

40. How often should felts be renewed that are used in slot in motor bearings?

41. What quality of lubrication is necessary for initial lubrication of a four-motor equipment?

42. What practices, if any, can motormen employ in handling of controllers that will cause generating of heat in armatures above normal running temperatures?

43. On G. E. 66 motor is it necessary to use any loose oil in the oil cellar designed to lubricate armature bearings?

44. Experience of experts with 50 C. armature bearings?

45. Should we use more strands of wicking in cups when used on a road running a low rate of speed than on high speed?

46. What should be done to keep water out of oil cups?

47. What experience have experts had with moisture gathering in armature boxes of new type motors? What remedy applied?

48. Have experts made any comparative mileage oiling tests on different kinds of packing for new type motor boxes and journal packing? How did Perfection packing show up in the tests?

49. Have any experiments been made on armature bearings with a very thin lining of babbit, so that in case of a hot bearing, armature will not go down?

50. Why does the Westinghouse Company recommend and use on their motors, bearings with a lead base formula, and the G. E. Company recommend a formula with a tin base.

51. Have any experiments been made with boring armature bearings eccentric?

52. What is the advantage and disadvantage of bottom feeds on old style motors?

53. Have experts had any trouble with loose fields on new type G. E. motors, so far as lubrication is concerned?

54. What material has been in competition on electric cars with Galena lubricants, and what were the results?

55. Are there any cases where the change from grease to oil in electric car lubrication has not been successful?

56. What is the best method to discover when a bearing is low and liable to let armature on pole piece?

57. What method have you found to be most economical for applying Galena oil to motor bearings designed for grease lubrication?

58. Is it not advisable that a proper hand oil can be adopted for filling cups and new type motors where oil is used in loose state? Would not an oil can similar to those used by locomotive engineers, with valve in end of spout, be helpful to produce saving and lessen cost?

59. What is the most economical method of lubricating G. E. 58 motor?

60. Has any trouble been experienced from Galena air compressor oil in gumming the engineer valves, triple and control valves on Westinghouse multiple unit control system?

61. Also, has any trouble been experienced with the oil freezing in winter?

62. What shall we recommend as a standard lubricant for brake rigging, that will not run or drop off? What is Marvin air brake compound?

63. What results have been obtained with Lumen bearings made by the Lumen Metal Company, Buffalo?

64. What experience have experts had with roller bearings for armatures and journals?

65. Are we paying as much attention to mechanical construction of axle bearings, collars, and their economical lubrication as we should?

66. What has been the experience of experts concerning dust guards for axle bearings and journals in sandy districts?

67. Of what benefit to the Galena-Signal Oil Company is the recommendation of the experts to street railways to square their trucks; what do the latter gain by it?

68. What has been the result of tests with side rod cars in Pittsburg? How does it affect the cost of power and lubrication?

69. When using gear lubricant, what is the proper amount for an initial lubrication, and at what mileage should an additional amount be added and what quantity? What, if any, is the increased mileage on a pound of gear lubricant as compared with a pound of gear grease? What, if any, is the saving in the consumption of power when using the gear lubricant as compared with the use of gear grease?

70. What results have been obtained with Galena gear lubricant as compared with Galena gear grease; also as compared with other gear lubricants?

71. How does extra heavy gear lubricant compare with Plomo as to service, adhesion to gear, and pinion? What conclusion have experts arrived at as result of tests, as to proper quantities, winter and summer gear lubricant, to be applied first application new gears, first application old gears, and period for next inspection and following applications? Does our new gear lubricant save and preserve pitch lines of gears and pinions? How does it affect costs per 1,000 miles?

72. Best method for applying gear grease to gear cases of electric cars, and what is a fair average cost per 1,000 miles run for city and interurban service?

73. Do any electric roads use car oil in the gear cases instead of gear grease, and do the results obtained warrant the change?

74. Where cars have a cement, concrete, or floor which will not permit of greasing gears from top, can we successfully apply extra heavy gear lubricant by using the old method of placing a large quantity in the gear pan, depending on gear to pick it up?

75. What is the result, generally, of gear lubrication (with any kind of gear grease) with the old method, so far as waste and bearing trouble are concerned?

76. Is a stiff fibrous gear grease to be preferred, or a granular one, and what difference is developed in the action of the gear upon either?

77. What method have you found to be most economical for applying track oil to curves?

78. Where trolley wheel and lubricated spindle is used, what attention is being given to this part of the equipment?

79. How many miles per hour should be allowed an electric locomotive for switching service, also construction cars in track department?

80. On heavy modern cars, when car journals, axle bearings, and motors are oiled on a mileage basis, what is the mileage schedule and the amount of oil used?

81. Highest mileage that has yet been obtained with one oiling, by journal bearings on high speed interurban cars?

82. Average mileage obtained on high speed interurban cars for armature bearings and motor axle bearings, with one oiling?

83. In large cities, would tank car or tank wagon (bulk delivery) be the more advantageous? Have we any such system in present practice? What is the saving to the railway and the Galena Company? How will such delivery affect costs?

84. Have any tests been made which are conclusive as to the best waste packing to use in street car truck journals?

LOCOMOTIVE LUBRICATIONS.

85. What improvements have been made on balanced compound engines whereby the service has been improved and the consumption of oil reduced?

86. What mileage to the pint of engine and valve oils on Mallett locomotives is considered economical, and what is the cost per 1,000 miles, including all lubrication of these double engines?

87. Lubrication of Malletts?

88. What has been the experience of experts with reference to the use of Galena valve oil for lubricating Skinner engines? If they have had any trouble with this type of engine, what has been the nature of the trouble?

89. Troubles and remedies of latest make cylinder lubricators?

90. Is a glossy appearance of cylinder surface an evidence of good lubrication?

91. The practice of using graphite for valve and cylinder lubrication?

92. With a 23 x 30 cylinder, what is a just amount of valve oil per 100 miles; good and bad water?

93. What results are obtained from the use of hemp for packing the cellars of drivers and engine trucks?

94. Economical results obtained by automatic compression cup as compared with screw.

95. What is the best method to prevent plugs and jam nuts from being lost off crank pin grease cups?

96. The proper location for oil cups on guides of locomotives equipped with what is known as the open or alligator guide.

97. Best way to refute statements frequently made, that economy of valve oil means a waste of fuel.

98. What comparative effect has miles per pint of valve oil upon miles per ton of coal?

99. What percentage of slide valves should be balanced?

100. Best method of applying piston valve cylinder bushings to get best results.

101. Is the Westinghouse air brake pump more economical to oil than the New York air brake pump?

102. To what extent has car oil been substituted for engine oil on locomotives for the year 1907 in comparison with the previous year?

103. The Franklin driving journal lubricator: The different types and for what type of locomotive each is best adapted. What improvements in connection with its use for better hub, shoe, and wedge lubrication?

104. What disposition or use can be made of the journal compound taken from the Franklin journal lubricators, which is unfit to remold and again use in the lubricator?

105. What is the best method of treating and disposing of grease removed from the cellars of locomotives undergoing repairs?

106. What methods are used for saving old grease?

107. Cause of driving journal compound charring and not feeding when under ordinary running temperature?

108. Hot box causing grease to melt out of cellar (Elvin lubricator); what is advisable to suggest to railway people to shorten time of failure?

109. Causes of hot driving boxes on heavy locomotives where grease cellars are used?

110. What results are obtained with engines equipped with Elvin grease cellars on long, continuous fast runs in passenger service?

111. Should bearings using either driving journal compound or rod cup grease be lined with white metal?

112. The necessity of investigating driving brasses that are removed on account of heating. This investigation should go far enough to prove up the faulty condition of the brasses as it exists.

113. What is best metal for hub liners for locomotive driving wheels?

114. Has the introduction of grease for driving boxes of locomotives brought about the expected increase in miles per pint of engine oil? If not, why?

115. What is the best method for shipping grease cakes for Franklin lubricators, from general stores to locomotive roundhouses to insure their being properly protected?

116. When locomotives are equipped with grease lubrication for journals and crank pins, what is a fair mileage to a pound of grease and driving-journal compound *combined?*

117. What reduction has been made in engine-oil allowances by the different experts where grease has been substituted for oil on crank pins or driving journals, and where grease has been substituted for oil on both crank pins and driving journals?

CARS.

118. Has the practice of hanging the brake on inside on four-wheel passenger trucks had a tendency to increase hot boxes?

119. What is the cause of more hot boxes during severe weather in winter, particularly passenger service, and what is the best method of obviating it?

120. What is the largest known mileage made to one packing of journal boxes in passenger-car service?

121. Does the relining of journal bearings have a tendency to cause hot boxes? To what extent is the practice of relining carried on?

122. Is it possible to reclaim wool waste taken out of journal boxes that have been through a flood of muddy water?

123. What system is used in your territory for the cleaning of old packing?

MISCELLANEOUS.

124. In past five years have not many hot bearings been due to poor brass, more particularly locomotive bearings where solid brasses have been used, and how can we detect this?

125. From which bearing metal on locomotive and car and motor equipment do we get the most economical cost and good service in lubrication?

126. What is considered the best method of bringing about economical results on the cost of locomotive lubrication, working among the enginemen alone or a fixed schedule enforced through cooperation of officials?

127. How can we best meet the question of lubrication where the hours in service are long and engine mileage short?

128. What has been the experience of experts where the organization has been changed from departmental to divisional?

129. Where the practice obtains of lubricating steam lines, is it done daily, weekly, or monthly, and what amount is used?

130. The conditions noticed after following cheap oils on roads, where Galena oils have been put in service.

131. Use of signal oil for lubrication of air cylinders of compressors. Is it advisable to recommend it for such purpose?

132. Other uses for Galena oils than for lubrication.

133. Why not use metal casks or barrels for shipment of oil to points west and south of Memphis, Tenn.?

PERFECTION SIGNAL OIL.

134. What results have been obtained by experts with Perfection Signal oil?

RAILWAY SAFETY OIL.

135. Are any roads using railway safety oil for lighting passenger cars, and what are the results as compared with Mineral Seal oil?

136. What results have been obtained by experts with railway safety oil?

DEFENDANTS' EXHIBIT 29.

(In original, oil can is printed in aluminum, barrel in blue, and prize award in red.)

Defendants' Exhibit 29

GALENA-SIGNAL OIL COMPANY

INSTRUCTIONS.

REGARDING CARE OF LANTERNS AND HOW TO OBTAIN THE BEST LIGHT.

WHEN filling the oil fount **leave one-half inch space** for expansion of the oil. See illustration.

The founts should be cleaned, and the wicks renewed every thirty days. Be sure the wicks are perfectly dry before using them. Keep the top of the wick tube bright and clean.

Keep the wick tube full size so as to allow the oil to flow freely to the flame. If wick tube becomes pinched, insert into it as far as it will go, the gauge furnished by the Galena-Signal Oil Company, it will shape the tube as it was originally.

If the ratchet fails to hold up the wick, punch in slightly the narrow strip which is between the two slots on the lower part of the tube.

When lantern is not burning, turn the wick down until it is just below the top of tube; this keeps the oil from siphoning over and covering the outside of fount, and causing a waste of oil, and a dirty lantern.

When sending for a fresh supply of Signal oil, be sure you send the **right can**, and that it is empty and perfectly **clean**. This keeps the oil on hand always fresh and pure.

Remember that care and cleanliness are great factors in producing the best light.

By closely observing the above you will be well repaid by the brightness, durability and safety of the light you will have.

THE FOLLOWING PRIZES WERE AWARDED TO THE GALENA-SIGNAL OIL COMPANY:

First Prize at Philadelphia in 1876.
First Prize in Paris in 1900.
First Prize at the World's Fair at Chicago in 1893.
First at Buffalo, Pan-American Exposition in 1902.

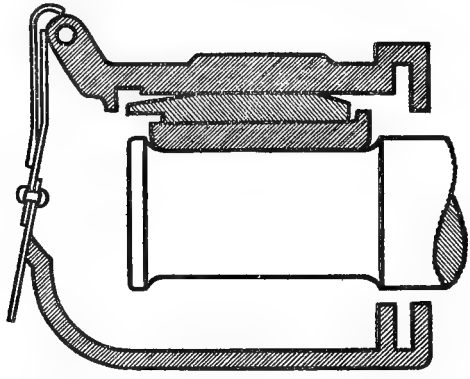
COMPLIMENTS OF

GALENA-SIGNAL OIL COMPANY,
Franklin, Penna.

DEFENDANTS' EXHIBIT 30.

Was not introduced in evidence.

DEFENDANTS' EXHIBIT 31.



SUGGESTIONS FOR CALCULATING WEIGHT ON JOURNAL BEARINGS.

Basis for calculating weight on journal bearings and the method of determining weight per square inch on crown of bearing when establishing limits of safety.

METHOD OF DETERMINING WEIGHT ON JOURNAL BEARINGS.

The method of calculating weight on journal bearings is generally well understood and scientifically established as clearly shown on diagram No. 1.

The object of this pamphlet is to definitely indicate that the projected area should be the established basis for the calculation.

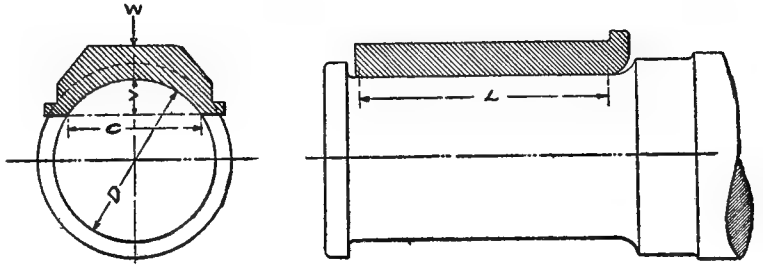
It is apparent as illustrated by diagram No. 2, that the maximum pressure is on crown of bearing and that this pressure decreases as we recede from the crown, owing to the increased surface occasioned by the curvature of the arc.

By referring to diagram No. 2, we find that the ½ inch on crown is subtended by the arc of .501 of an inch, the second half inch by the same pressure is subtended by a larger arc, the third by a still larger arc, the pressure decreasing in proportion in consequence of the increase of the arc.

In order to establish the maximum weight on crown, which is a vital point in determining limits of safety, we can not resort to the arc in contact, because as illustrated the pressure is not uniform. It is therefore the projected area where pressure is uniform that forms the basis for consideration.

By reference to diagram No. 2, it will be found that while the pressure is 200 pounds on the projected area, it is only 199 pounds on the crown. This is shown and referred to to indicate that the curvature of the arc produces a greater surface and hence a slight decrease in weight. Therefore, when calculating weight on bearing, it is the chord and not the arc that must be taken as a basis for calculation.

METHOD OF CALCULATING PRESSURE PER SQUARE INCH ON JOURNALS.



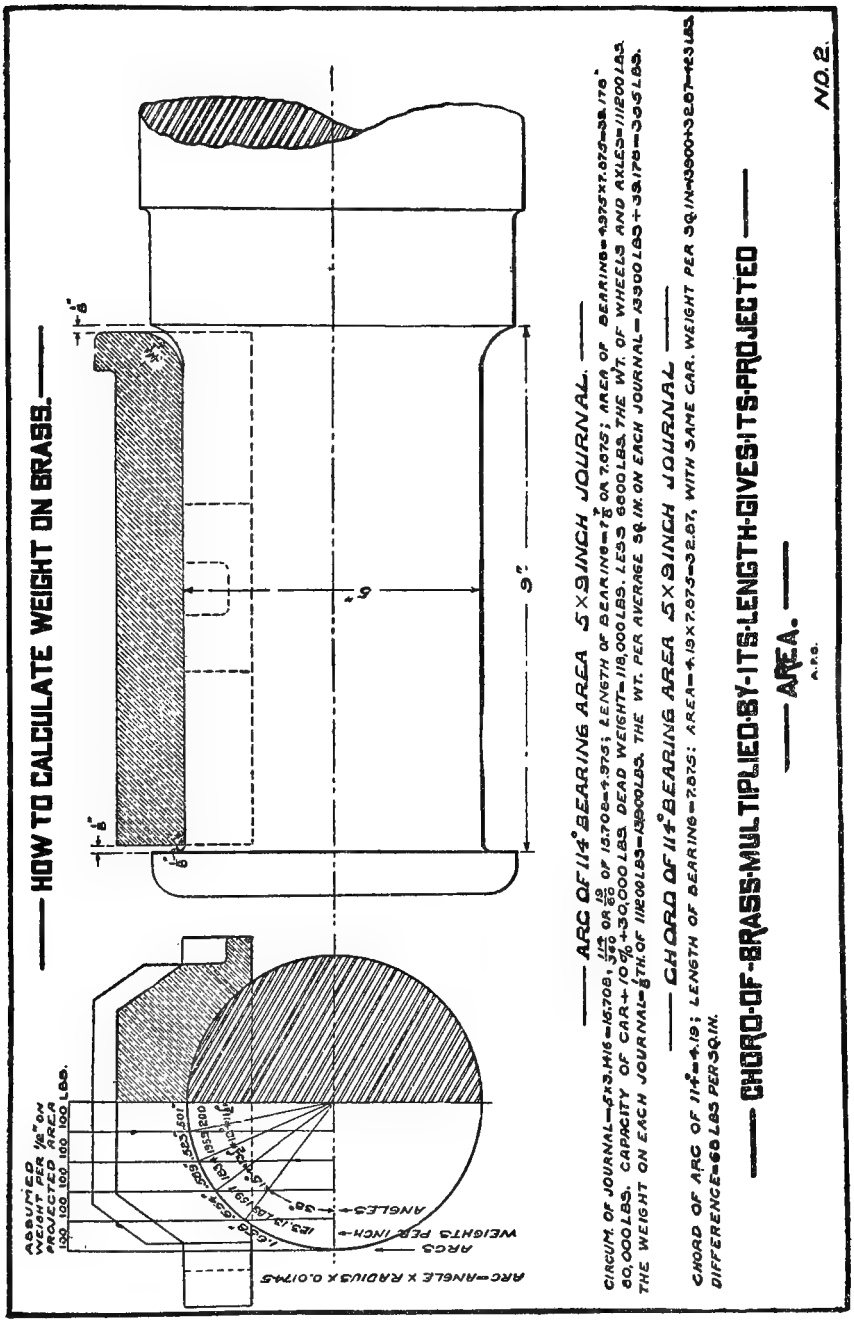
L = LENGTH OF JOURNAL LESS RADII OF FILLETS, OR LENGTH OF CONTACT.
C = CHORD OF ARC IN CONTACT
V = VERSED-SINE, OR HEIGHT OF ARC IN CONTACT
D = DIAMETER OF JOURNAL.
$C = 2\sqrt{(D-V)V}$, OR LAY OUT FULL SIZE AND MEASURE IT.
A = PROJECTED AREA L X C
W = WEIGHT ON JOURNAL.
P = PRESSURE PER SQ. INCH ON JOURNAL = W ÷ A

EXAMPLE: TAKE THE M.C.B. ST'D AXLE TO CARRY 38000 LBS. WITH NEW $5\frac{1}{2}$" x 10" JOURNALS, THEN W = 19000#, D = $5\frac{1}{2}$", V = $\frac{1}{4}$", L = 8.875", $C = \sqrt{(5\frac{1}{2}" - \frac{1}{4}")\frac{1}{4}"} = 4.54"$, A = 8.875" x 4.54" = 40.33 SQ. IN. AND P = 19000# ÷ 40.3" = 472 LBS. PER SQ. INCH OF PROJECTED AREA.
IN THE SAME MANNER IT CAN BE SHOWN THAT WITH A NEW 5" x 9" AXLE, P = 469 LBS, & A NEW $4\frac{1}{4}$" x 8" AXLE P = 450 POUNDS.

THE ABOVE CALCULATIONS SHOW MAXIMUM CONDITIONS FOR NEW BEARINGS, AND AS ALL M.C.B. JOURNALS HAVE BEEN FOUND SATISFACTORY IN SERVICE, IT IS SAFE TO SAY THAT CAR JOURNALS CAN BE RUN UP TO 480 LBS. PER SQ. INCH WITHOUT HEATING WHEN PROPERLY LUBRICATED.

FOR ANY WEIGHT OF CAR THE PRESSURE ON JOURNALS CAN BE CALCULATED BY TAKING THE LIGHT WEIGHT OF CAR PLUS THE LOAD WITH 10% ADDED FROM WHICH DEDUCT THE WEIGHT OF WHEELS AND AXLES, THE REMAINDER DIVIDED BY THE NUMBER OF JOURNALS GIVES THE NET WEIGHT ON EACH JOURNAL.

NO. 1.


HOW TO CALCULATE WEIGHT ON BRASS.
ARC OF 114° BEARING AREA 5×9 INCH JOURNAL.
CIRCUM. OF JOURNAL=5×3.1416=15.708, 114/360 OR 19/60 OF 15.708=4.975; LENGTH OF BEARING=7 7/8 OR 7.875; AREA OF BEARING=4.975×7.875=39.178"
80,000 LBS. CAPACITY OF CAR+10%+30,000 LBS. DEAD WEIGHT=118,000 LBS. LESS 6800 LBS. THE WT. OF WHEELS AND AXLES=111200 LBS.
THE WEIGHT ON EACH JOURNAL=1/8 TH. OF 111200 LBS=13900 LBS. THE WT. PER AVERAGE SQ. IN. ON EACH JOURNAL=13900 LBS÷39.178=355 LBS.
CHORD OF 114° BEARING AREA 5×9 INCH JOURNAL
CHORD OF ARC OF 114°=4.19; LENGTH OF BEARING=7.875: AREA=4.19×7.875=32.87, WITH SAME CAR. WEIGHT PER SQ. IN.=13900÷32.87=423 LBS.
DIFFERENCE=68 LBS PER SQ. IN.
CHORD-OF-BRASS-MULTIPLIED-BY-ITS-LENGTH-GIVES-ITS-PROJECTED
AREA.
A.P.S.
NO. 2.
ASSUMED WEIGHT PER 1/2" ON PROJECTED AREA
100 100 100 100 100 LBS.
ANGLES
WEIGHTS PER INCH
ARCS
ARC=ANGLE × RADIUS × 0.01745
9"
6"

DEFENDANTS' EXHIBIT 32.

List of Questions for Use in the Examination of Locomotive Engineers for Employment and of Firemen for Promotion in Connection With the General Subject of Lubrication.

1. Q. What is friction?—A. Two surfaces coming in contact with motion.

2. Q. What is the result of excessive friction?—A. High-running temperature and hot bearings.

3. Q. How can friction be reduced to the least possible degree?—A. By lubrication.

4. Q. What is lubrication?—A. Separating two surfaces and keeping them apart while in motion by a film of oil.

5. Q. What oil should be used for this purpose?—A. Engine oil for all parts of the locomotive excepting valves, cylinders, and air pumps.

6. Q. Why should we confine ourselves to the use of engine oil on machinery?—A. It has greater strength to hold up the load; is more limpid, and will reach the bearing quicker.

7. Q. What examination should be made by engineer to insure successful lubrication?—A. See that all oil holes are open, cups filled and in good working order, and packing in cellar and in contact with journal.

8. Q. Why is it necessary to keep packing in cellar in contact with journal?—A. On account of the large journals and bearings, it is found necessary to depend upon this system for successful lubrication and exclusion of dust.

9. Q. How should engine oil be used?—A. With a small opening in spout of oil can and in limited quantities to avoid overflow of oil, keeping in mind always that only a small amount can pass between the two surfaces and that all other is wasted, resulting in an accumulation of dust and dirt on machinery.

10. Q. When and at what intervals should engine oil be used?—A. As short a time as possible before leaving terminals and at such times upon examination as found necessary by the increasing temperature, which should be determined by placing hand upon bearing.

11. Q. How should feeders of all oil cups be adjusted?—A. To feed as small a quantity of oil as possible for perfect lubrication, to avoid the possibility of cups becoming empty with a "moderate increase in temperature," resulting in a hot bearing and cut journal.

12. Q. Why is it bad practice to keep engine oil close to boiler in warm weather?—A. The oil is thinned to such a degree that it runs off as soon as applied, and often a hot bearing is the result.

13. Q. How often should tank truck boxes be oiled?—A. Once every 1,500 miles will be sufficient, if packing is kept up and in contact with journal.

14. Q. In what manner would you care for hot bearings when discovered on road?—A. Use as much time as available in cooling the same, making sure that all moving parts are free and carefully lubricated before proceeding.

15. Q. What kind of oil should be used on hot bearings?—A. Engine oil, unless temperature of bearing consumes it, when small quantity of valve oil bay be used. The valve oil must be removed, however, as soon as the bearing cools, to prevent reheating.

16. Q. Why is it bad practice to use valve or solidified oil on journal bearings?—A. The consistency of these oils will clog fibers of the waste, and prevent the fluid oil from feeding to bearing.

17. Q. At completion of trip what is necessary?—A. Close all adjustable feeds, and examine all lubricated parts by contact with hand to determine that they are not above running temperature.

18. Q. How would you determine what boxes to report examined?—A. By placing the hand on driving box on hub of engine truck and on top of tender truck boxes, and would not report them examined unless the temperature of same was above running heat.

19. Q. Why not report all boxes examined?—A. All boxes do not give trouble at the same time, and if this was done it would appear that proper inspection had not been made; it also results in unnecessary work and waste of material.

20. Q. Why is it bad practice to disturb the packing on top of driving and engine truck boxes with spout of oil can when oiling engine?—A. This packing is put on top of boxes to assist in keeping dust and dirt out of oil holes; also to aid in gradual lubrication from the top; if disturbed it will permit the dust and dirt to work into oil holes and on to bearings, as well as feed the oil away too rapidly.

21. Q. When should this packing be disturbed?—A. It should not be disturbed in any case except when it is found that oil does not go through, in which case tops of boxes and oil holes, also journals, should be thoroughly cleaned by water or air under pressure before repacking.

22. Q. On what bearings should solidified oil be used?—A. Only on bearings equipped with pressure cups.

23. Q. How do you adjust these pressure cups as applied to rods?—A. Loosen jam nut, screw down plug with short wrench, until you feel slight resistance, then tighten jam nut. This should be sufficient over division.

24. Q. What effect does too much pressure produce?—A. Undue friction on bearing and liability of damage to cups or lubricators.

25. Q. Why should engine oil not be used on valves and cylinders?—A. Because the fire-test engine oil is less than the temperature of steam at working pressure.

26. Q. What is fire test?—A. The number of degrees of temperature at which oil is consumed.

27. Q. What is the fire test of engine oil? Of valve oil?—A. Engine oil, about 300 degrees; valve oil, about 600 degrees.

28. Q. What is the average running temperature of machinery other than valves and cylinders?—A. 80 degrees in slow service; 125 degrees in fast service.

29. Q. How and by what means are valves, cylinders, and air pumps lubricated?—A. By the use of valve oil, through a lubricator.

30. Q. How should lubricator be filled?—A. First, close all valves connected with lubricator, open drain cock and remove filling plug, allowing water to escape until oil appears; drain cock should then be closed. Apply oil in the usual way, being careful not to overflow lubricator. Filling plug should then be replaced.

31. Q. After filling lubricator what should be done?—A. Open steam throttle to lubricator, then carefully open water valve, but do not open feed until glasses are filled with water.

32. Q. How long before leaving terminal should feed valves be opened?—A. Fifteen to twenty minutes.

33. Q. How many drops of oil should be fed per minute?—A. One to seven, timed by watch, depending on the service the engine is in.

34. Q. Why is it bad practice to carry water too high in boiler?—A. Wet steam will wash oil from valve seats and walls of cylinders, necessitating excessive use of valve oil.

35. Q. When valves appear dry when using steam, and lubricator is working all right, what would you do to relieve condition?—A. Ease or shut off throttle for a few seconds, to allow oil that is in oil pipes to flow down.

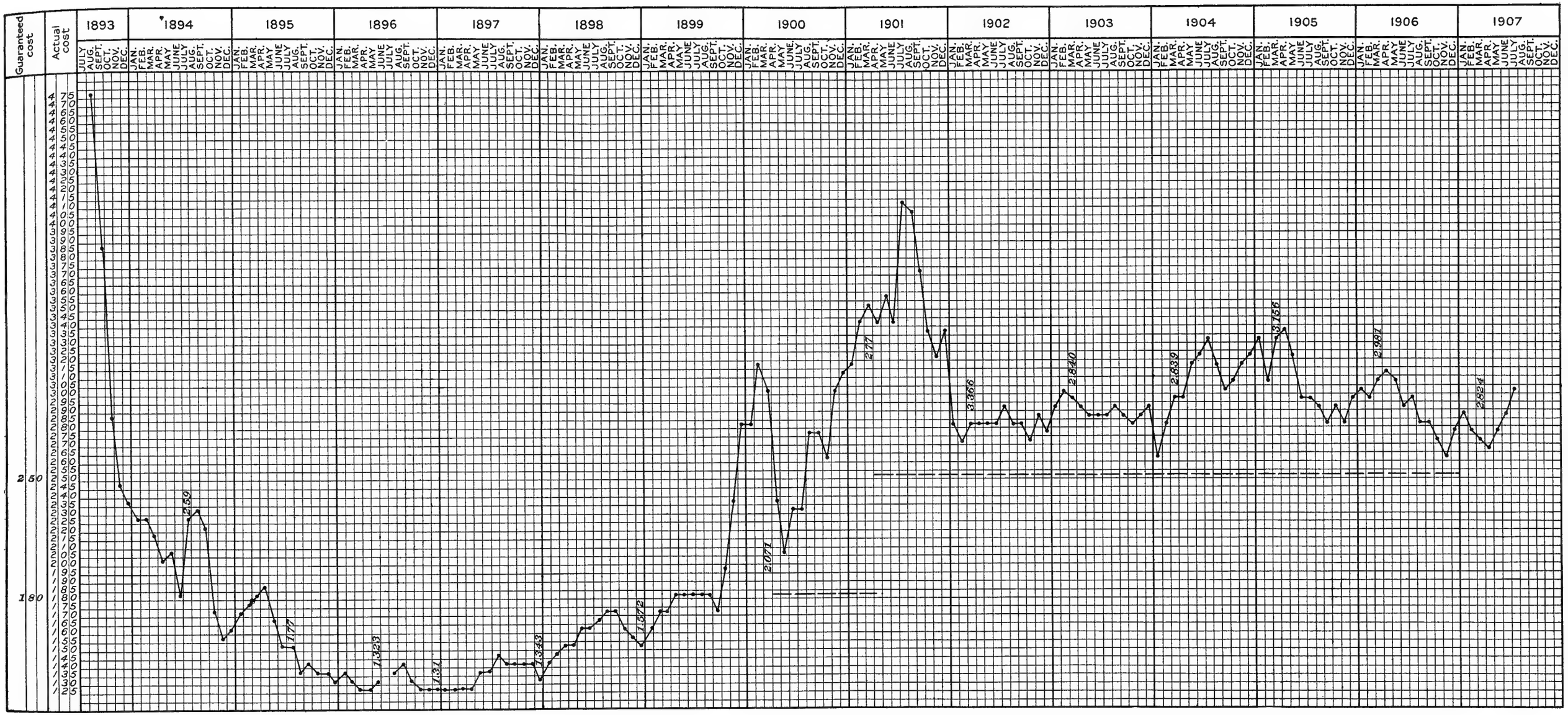
ALEX. TURNER, *Chairman.*
P. H. STACK.
H. C. M'CARTY.
L. H. PALMER.
W. J. WALSH.

DEFENDANTS' EXHIBIT 33.

GALENA-SIGNAL OIL COMPANY.

Diagram showing cost of lubrication per one thousand miles run in locomotive service on Chicago and Alton R. R.

[In original, italic figures are in red ink.]



DEFENDANTS' EXHIBITS 34 AND 35.

Marked for identification; not introduced.

DEFENDANTS' EXHIBIT 36.

Statement showing number of freight cars owned by the A., T. & S. F. system, as of June 30th, 1897, and June 30th, 1906, and average light weight and capacity and size of journals.

1897.

No. of cars.	Capacity.	Light weight.	Size of journals.
26,458	42,000	24,900	4 x 7
380	60,000	29,100	4¼ x 8
26,838	42,300	25,000	.....

1906

No. of cars.	Capacity.	Light weight.	Size of journals.
21,159	42,000	25,300	4 x 7
13,309	60,000	34,000	4½ x 8
3,734	70,000	39,800	4½ x 8
5,840	80,000	34,100	5 x 9
1,204	100,000	45,500	5½ x 10
45,256	56,000	30,500	.....

DEFENDANTS' EXHIBIT 37.

ATCHISON, TOPEKA AND SANTA FE R. R. SYSTEM.

Car mileage.

	1897.	1906.
In passenger trains	40,739,428	99,993,144
" frt. & other "	295,043,756	554,317,586
Total	335,783,184	654,310,730

Locomotive mileage.

1897.	1907.
30,639,308	51,570,692

DEFENDANTS' EXHIBIT 38.

ATCHISON, TOPEKA & SANTA FE.

Year.	Number engines.	Number of engines, class.		Average weight on drivers.	Per cent increase.	Wheels.	Per cent Increase.	Cylinders.	Per cent increase No. cyl.	Per cent increase No. engines.
		Simple.	Compound.							
1897	1,027	1,027	.....	78,280	.....	9,088	.....	2,054	.....	.....
1898	1,036	1,036	.....	79,976	2.17	9,210	1.34	2,072	0.87	.....
1899	1,088	1,088	.....	83,361	4.22	9,742	5.77	2,176	5.02	.....
1900	1,171	1,169	2	90,167	8.16	10,616	8.99	2,346	7.81	.....
1901	1,174	1,162	12	93,598	3.8	10,720	.94	2,372	1.1	.....
1902	1,312	1,106	206	104,495	11.64	12,180	13.52	3,046	28.41	.....
1903	1,309	1,028	281	108,085	3.43	13,232	8.64	3,180	4.4	.....
1904	1,433	1,035	398	116,620	7.3	13,904	5.08	3,662	15.5	.....
1905	1,454	1,031	423	116,672	.0	14,124	1.58	3,754	2.51	.....
1906	1,633	1,075	558	122,036	4.77	16,040	13.56	4,382	16.73	.....
1907	1,791	1,134	657	125,320	2.69	17,544	9.37	4,896	11.73	.....
Increase for 11 years	.....	.....	.....	.....	60.09	.....	93.04	.....	138.36	74.4

Year.	Ton-miles hauled.	Average ton-miles hauled per engine.	Cost lubrication per engine.	Lubricating per 1,000 ton-miles hauled.
1897	2,062,483,268	2,008,251	36.74	0.0189
1898	2,779,555,249	2,682,968	43.85	.0163
1899	2,893,011,496	2,668,209	41.30	.0155
1900	3,454,591,785	2,950,164	39.04	.0133
1901	3,876,793,344	3,302,200	61.50	.0186
1902	4,231,748,520	3,225,418	56.31	.0175
1903	4,705,540,965	3,594,761	58.90	.0164
1904	4,682,269,811	3,267,459	57.42	.0175
1905	4,730,090,247	3,253,157	57.57	.0177
1906	5,841,420,731	3,577,116	73.08	.0204
1907	6,842,669,206	3,821,144	74.73	.0196
Increase for 11 years	231%	90%	103%	.037%

DEFENDANTS' EXHIBIT 39.

(Copy.)

CHICAGO, *May 4, 1905.*

Mr. W. E. HODGES, G. P. A.,
The Atchison, Topeka & Santa Fe Ry. Co.,
Chicago, Illinois.

DEAR SIR: The American Brake Shoe & Foundry Company proposes to furnish to the Atchison, Topeka & Santa Fe Railway Company shoes for its entire locomotive driver equipment on the following terms and conditions:

Style of shoe to be at our option. The Perfecto Shoe or the Streeter steel back shoe, either shoe to have a steel back and steel or wrought iron attaching lugs.

Price. **Delivery.** **Payment.**

	Per net ton.
For Perefecto shoe	$70.00
For Streeter steel back shoe	70.00

f. o. b. your rails.
Sixty days net.

Term of this contract. Shall be for three years from 1st day of January, 1905, and it shall continue thereafter with the 10% saving guarantee hereinafter mentioned, unless three months prior to the expiration of the third year of this contract, or three months prior to the expiration of any calendar year thereafter, a notice by other party shall be given to the other of an intention to cancel the same at the end of the then current calendar year.

Stock of shoes. The brake shoe company will carry in stock one month's supply of shoes to insure prompt delivery, which, upon the termination hereof for any cause, the railway company agrees to take from the brake shoe company at contract prices.

Guarantee. The brake shoe company guarantees the railway company that the exclusive use of brake shoes above named upon its locomotive driver wheels shall not cost the railway company during the year 1905 for shoes actually put in service more per 1,000 engine miles than the shoes used during the year 1904 would have cost during this year, 1905, had they been used; that during the year 1906 the exclusive use of the shoes above named shall show a saving to the railway company per 1,000 engine miles of 5% on what it would have cost the railway company during said year to have used the shoes used by it during the year 1904; that during the year 1907, and thereafter, the exclusive use of the shoes above named shall show a saving to the railway company per 1,000 engine miles of 10% on what it would have cost the railway company during said year to have used the shoes used during the year 1904.

Method of determining mileage cost of brake shoes used during the year 1904 and each y'r of this contract. In order to determine the mileage cost of brake shoes used during the year 1904, and also during the succeeding years, reference shall be had to the issuance record of the storekeeper of the railway and to the engine mileage record kept by the railway company and an annual statement shall be made up by the railway company showing the number, kind, tonnage, and cost of each kind of shoe actually issued by the storekeeper during the

preceding year and also showing the number of engine miles run during said year, and a copy of this shall be furnished the brake shoe company. From these figures shall be ascertained the cost per 1,000 engine miles of the shoes issued.

In making up the statement of engine miles run during each year of this contract, so far as may be possible, the number of miles run by each class of locomotives shall be stated separately.

Method of ascertaining basis of guaranteed savings.

In determining whether the brake shoe company has performed its guarantee each year of this contract, the cost to which the railway company would have been put, had it used the Player shoe, which is the shoe that was used during the year 1904, shall be ascertained as follows:

The cost of the Player shoe for the year 1904 per 1,000 engine miles shall be the basis of estimate, and it is agreed that the cost of said shoe per 1,000 engine miles for the year 1904 shall be ascertained and agreed upon by the parties hereto, on or before November 1st, 1905, and when so agreed upon, shall become a part of this contract; it is also agreed that the average cost to the railway company per net ton of Player shoes issued by the storekeeper of said railway during the year 1904 shall be ascertained and agreed upon within a like period, and shall thereupon become a part of this contract; it is also agreed that the average cost of No. 2 local foundry pig iron at Chicago for the year 1904 was $14 per gross ton.

To ascertain what the cost per 1,000 miles to the railway company would have been had the Player shoe been used instead of the shoes mentioned in this contract during any calendar year thereof, the cost per 1,000 miles of the Player shoe for the year 1904 shall be increased or diminshed 66⅔% of the increase or decrease in the cost of said No. 2 local foundry pig iron at Chicago in the year under consideration over or under the cost of said pig iron in the year 1904. The cost of said pig iron in any calendar year of this contract shall be ascertained by taking the average of the quotations for No. 2 local foundry pig iron at Chicago as given in the first issue of the Iron Age each month in said year.

For example: If the average cost of No. 2 local foundry pig iron at Chicago for any calendar year of this contract should be $17 per gross ton, an increase of $3 over the price for 1904, the cost per 1,000 engine miles of using the Player shoes during the year under consideration shall be ascertained as follows:

To the price per net ton of Player shoes issued in the year 1904, as ascertained and agreed upon, shall be added $2, which is 66⅔% of the increase in No. 2 foundry pig, and from this increased ton cost of Player shoes over the ton cost in 1904, shall be ascertained what the cost per 1,000 engine miles in 1904 would have been, and that cost so ascertained shall be the cost per 1,000 engine miles for the year under consideration, with which cost comparison shall be made to ascertain whether the brake shoe company has performed its guarantee.

Inspection.

The brake shoe company shall have the right to send a representative at such time or times as it may deem best during the continuance of this contract, to the various division points of the railway company, for the purpose of instructing the railway company's employees in the use of the

steel back shoe, and examining and inspecting the brake shoes in service, in stock and in scrap piles, and the railway company shall furnish free transportation to such inspector when so engaged. The inspector shall furnish duplicate reports to the superintendent of motive power, and be subject to such reasonable regulations and restrictions in the performance of his duties as the superintendent of motive power may prescribe.

Infringement of patents.

The brake shoe company agrees to protect and indemnify the railway company against any and all suits for infringement of letters patent of the United States on account of the use of said brake shoes, and from any final judgment rendered by any court having jurisdiction of the subject matter.

An acceptance of this proposition shall constitute a contract between us.

Yours truly,

American Brake Shoe & Foundry Company,
By Jos. B. Terbell, *2nd Vice-Prest.*

Accepted:
By W. E. Hodges,
General Purchasing Agent.

DEFENDANTS' EXHIBIT 40.

[Duplicate.]

Contract between the Galena-Signal Oil Company, of Franklin, Pa., party of the first part, and the Philadelphia Rapid Transit Company, of Philadelphia, Pa., party of the second part; witnesseth:

FIRST PARTY.

Section 1. Prices and delivery.

The first party agrees to sell to the second party, on orders of its authorized agent, a full supply of ~~Signal oil and~~ the following named lubricants, which the second party may require for the lubrication of its rolling equipment, during the period of this contract, upon terms as follows:

Galena electric car oil, for car and motor journals	20c.	per gallon
Galena air compressor oil	25c.	per gallon
Galena motor grease, for motor bearings where oil can not be introduced	7½c.	per pound
Galena gear grease	4c.	per pound
~~Perfection Signal Oil~~		

Above prices are for the oils and greases named delivered in barrels, f. o. b., at Philadelphia, Pa.

Section 2. Cost guaranty.

The first party hereby guarantees that in the exclusive use of these lubricants for the respective purposes for which they are intended, the average cost to the second party for lubricating its rolling equipment shall not exceed $0.1206 per thousand passenger car miles run of such equipment.

Section 3. Refund of excess over guaranty.

The first party agrees to refund to the second party the excess upon proper bill being rendered, if at the expiration of each yearly term, the second party's reports (provided for in section 6) verified by the first party, show the cost of lubricants consumed in the lubrication of its rolling equipment to have exceeded the guaranteed cost. Should the cost of lubricants so used fall below the guaranteed cost, the saving thus effected shall accrue to the second party.

Section 4. Allowance and deductions for empty barrels.

~~The first party agrees to pay the second party for empty barrels in which it shall have shipped oil or grease to the second party, returned in good order, f. o. b., at_____ at, $_____ each for oil barrels, and $_____ each for grease barrels, with proper deductions for imperfect barrels.~~ Empty packages to be sold in Philadelphia, and credit given lubrication account.

SECOND PARTY.

Section 5. Purchase of signal oil and lubricants and payment of invoices.

The second party agrees to purchase, during the term hereof, its entire supply of ~~Signal oil, and~~ lubricants for its rolling equipment from the first party, and to pay the invoices of the first party covering such ~~Signal oil and~~ lubricants delivered in accordance with section 1, within sixty days of date of invoice, without discount for earlier payment, provided, however, that the second party may withhold until final settlement payment of invoice cover-

ing delivery of lubricants sufficient to protect it against any excess cost over the guaranteed cost, as may be shown by monthly statements to be rendered the first party (as provided for in section 6).

Section 6. Reports and inventories to be furnished the first party.

The second party agrees to render the first party monthly statements, upon blanks supplied by the first party, showing the total miles run by the rolling equipment, and the quantity and cost of each kind of lubricant consumed thereon; also, a correct and complete inventory of each kind of lubricant on hand at the date of the beginning and ending of each yearly term hereof.

MUTUAL OBLIGATIONS.

Section 7. Expert service and co-operation to be rendered.

The first party will furnish as many inspectors or experts as it may deem necessary to look after the economical use and give instructions in the proper application of these oils and lubricants; such service to be free of charge excepting that the second party is to furnish them free transportation over its railway and render necessary co-operation to the end that the best results may be obtained, and the cost of lubrication be reduced as low as possible consistent with good service.

Section 8. Basis of computing cost.

In computing the cost of lubricants consumed, during the term hereof, to compare with the guaranteed cost, as per section 2, the lubricants shall be charged in at the invoice prices named in section 1 (excepting such other lubricants as may be on hand at beginning of contract which shall be charged in at prices paid for same), less the value of all lubricating barrels at prices as per section 4. Lubricants used for initial lubrication of new equipment installed during the period of this contract shall not be included in the cost per thousand miles run.

Section 9. Increase or alteration in equipment — allowance to be made.

Should the second party, during the term hereof, increase or alter its equipment, as compared with the equipment at the time of making this contract, thus causing an increase in the cost of lubrication per thousand miles run, allowance shall be made for such changes when final settlement is made under this contract.

Section 10. Consolidation with other lines.

Should the second party, during the term hereof, acquire control of other lines, this contract is to be extended to cover such lines on a similar guaranty based upon the operations for the twelve months prior to its acquisition; should, however, such lines at the time of the acquisition, have a similar guaranteed contract with the first party, such contract is to be continued until its expiration.

Section 11. Oil cups.

The first party will lease to the second party, at the latter's option, oil cups at the rate of 35 cents and 25 cents each, respectively, as per list attached hereto, under conditions as follows: The second party to pay the first party for cups within sixty days of date of delivery, and shall retain the use of said cups so long as it shall continue to use exclusively lubricants to be furnished by the first party. Said cups shall be applied to the equipment by and at the expense of the second party. If at any time the second party shall discontinue the use of

lubricants furnished by the first party, the first party will, on return of said cups in good condition, refund the amount paid by the second party for same; if, however, the second party elects to retain the cups or fails to return them in good condition, it shall pay to the first party 75 cents additional for each cup not so returned. The said cups shall be removed from the equipment by and at the expense of the second party, and shall be returned free of charge to the first party.

Section 12. Settlement. Final settlement to be made at the expiration of this contract.

Section 13. Term. This contract, signed in duplicate, shall be binding upon the parties hereto, their respective successors and assigns, and remain in full force and effect for one year, from June 1, 1907, to June 1, 1908.

In witness whereof, the parties hereto have caused this contract to be signed in their respective corporate name, by their duty authorized officer or agent, this 31st day of May, 1907.

THE GALENA-SIGNAL OIL COMPANY,
By CHARLES H. THOMAS.
THE PHILADELPHIA RAP. TRAN. COMPANY,
By W. L. MAIZE, *Purchasing Agent.*

Oil cups to be leased at 25 cents each.

Pattern No.	26,	for Gen. Elec. motor No.	800, axle.
do	44,	do	57, brake on axle.
do	32,	do	62, axle.
do	31,	do	1200, both axle and armature.
do	33,	do	52, axle and 800 armature.
do	48,	do	52, 54, and 67 armature.
do	43,	do	67, 1000, 2000, and 54 axle, 1000 and 2000 armature.
do	34,	do	72, axle and armature, and pinion end of motor No. 62.
do	49,	do	62, commutator end of armature.
do	35,	do	60, armature and axle, and motor No. 58, axle.
do	35½,	do	57, armature and axle.
do	28,	do	58, commutator end of armature.
do	29,	do	58, pinion end of armature.
Special No.	1,	do	60, pinion end of armature.
do	2,	do	60, commutator end of armature.
do	3,	do	60, axle.
do	4,	do	1200, axle.
do	65,	do	1000, axle and armature.
Pattern No.	10,	for Westinghouse motor No.	10, armature.
do	11,	do	10, axle.
do	36,	do	49, 49D, and 52, armature and axle, and Nos. 56, 68, 68C, and 69 armature.
do	66,	do	56, axle.
do	37½,	do	68 and 68C, axle.
do	41,	do	38, 38B, 47, 47A, 48, and 48A, all axle and armature.
do	27,	do	76, axle.
do	40,	do	62, axle.
do	40½,	do	62, armature.
do	42,	do	12 and 12A, armature, and 12, axle.

Pattern No.	42½,	for Westinghouse motor No.	12A, axle.
do	46,	do	81, axle.
do	47,	do	81, armature.
do	63,	do	69, axle.
do	64,	do	12A, axle.
do	58,	do	68, axle (special).
do	50,	Lorain Steel Johnson motor No. 20, axle.	
do	45½,	Lorain Steel Company motor No. 34, axle.	
do	52,	Stanley motor No. 401, axle.	
do	53,	do 401, armature.	
do	54,	Walker motor No. 5, axle.	
do	55,	do 5, armature.	
do	59,	do 10S, axle.	
do	60,	do 10S, armature.	
do	56,	Bullock motor No. I. R. 50, axle.	
do	57,	do. I. R. 50, armature.	
do	38,	Westinghouse motor No. 76, armature.	

Oil cups to be leased at 35 cents each.

Pattern No.	30,	for Westinghouse motor No. 68 (T. & W.), armature.	
do	39,	do	3, axle.
do	39½,	do	3, armature.
do	45,	for Lorain Steel Company motor No. 34, armature.	
do	51,	do Johnson motor No. 20, armature.	
do	67,	for Gen. El. W. P. motor No. 50, axle and armature.	

All metal bridge cups to be leased at 35 cents each.

DEFENDANTS' EXHIBIT 41.

DUPLICATE.

Contract between the Galena-Signal Oil Company, of Franklin, Pa., party of the first part, and the Pittsburg Railways Company, of Pittsburg, Pa., party of the second part, witnesseth:

FIRST PARTY.

Section 1. Prices and delivery.

The first party agrees to sell to the second party, on orders of its authorized agent, a full supply of signal oil and the following named lubricants, which the second party may require during the period of this contract, upon terms as follows:

Gelena electric car oil, for car and motor journals	20c.	per gallon
Galena power house valve oil	50c.	" "
Galena power house engine oil	30c.	" "
Galena dynamo oil	40c.	" "
Galena air compressor oil	25c.	" "
Galena crank case oil	25c.	" "
Galena track oil, for curves and switches	10c.	" "
Galena motor grease, for motor bearings where oil can not be introduced	7½c.	" pound
Galena gear grease	4c.	" "
Perfection signal oil	36c.	" gallon
Galena turbine oil	35c.	" "
Galena gear lubricant	12c.	" pound

Above prices are for the oils and greases named delivered in barrels, f. o. b., at power stations and car barns at Pittsburg and Allegheny, Penn'a.

Section 2. Cost guaranty.

The first party hereby guarantees that in the exclusive use of the lubricants furnished by it for the respective purposes for which they are intended, the average cost to the second party for the lubrication of its rolling equipment shall not exceed $.30 per thousand miles run of such equipment, and for lubricating machinery in power plants and sub-stations, shall not exceed $.15 per ~~engine hour run or~~ thousand kilowatt hours output by such plants.

Section 3. Refund of excess over guaranty.

If the total cost of lubricants consumed in the services above mentioned combined at the end of the year, as may be shown by monthly reports (provided for in section 6) verified by the first party, should exceed the guaranteed costs combined, based on the units of work performed, then the first party is to refund to the second party an amount equal to such excess. Should, however, the total cost of lubricants so used fall below the combined guaranteed costs the saving thus effected shall accrue to the second party.

Section 4. Allowance and deductions for empty barrels.

The first party agrees to pay the second party for empty barrels in which it shall have shipped oil or grease to the second party, returned in good order, f. o. b., at Pittsburg, Pa., at $1.00 each for oil barrels, and $.65 each for grease barrels, with proper deductions for imperfect barrels.

SECOND PARTY.

Section 5. Purchase of signal oil and lubricants and payment of invoices.

The second party agrees to purchase, during the term hereof, its entire supply of signal oil and lubricants for use on track curves, rolling equipment, machinery, and power plants from the first party, and to pay the invoices of the first party covering same, delivered in accordance with section 1 within sixty days of date of invoice, without discount for earlier payment, provided, however, that the second party may withhold until final settlement payment of invoices covering deliveries sufficient to protect it against any excess cost over the guaranteed cost, as may be shown by monthly reports to be rendered by the second party (provided for in section 6).

Section 6. Reports and inventories to be furnished the first party.

The second party agrees to render the first party monthly statements, upon blanks supplied by the first party, showing the total miles run by the rolling equipment, the engine hours run or kilowatt hours output in power plants and substations, and the quantities of each kind of lubricants consumed; also, a correct and complete inventory of each kind of lubricant on hand at the date of the beginning and ending of each yearly term hereof.

MUTUAL OBLIGATIONS.

Section 7. Expert service and cooperation to be rendered.

The first party will furnish as many inspectors, or experts, as it may deem necessary to look after the economical use and give instructions in the proper application of these oils and lubricants; such service to be free of charge excepting that the second party is to furnish them free transportation over its railway and render necessary cooperation to the end that the best results may be obtained, and the cost of lubrication be reduced as low as possible consistent with good service.

Section 8. Basis of computing cost.

In computing the cost of lubricants consumed, during the term hereof, to compare with the guaranteed cost, as per section 2, the lubricants shall be charged in at the invoice prices named in section 1 (excepting such other lubricants as may be on hand at beginning of contract, which shall be charged in at prices paid for same), less the value of all barrels at prices as per section 4. Lubricants used for initial lubrication of new equipment installed during the period of this contract shall not be included in the cost per thousand miles run, or engine-hour run, or kilowatt-hours output.

Section 9. Increase or alteration in equipment — allowance to be made.

~~Should the second party, during the term hereof, alter its car equipment or make any additions to its power plants or other machinery, causing an increase in the cost of lubrication per thousand miles run of cars or per engine hour run or kilowatt hours output as against the comparative period or as obtained at the time of making this contract, proper allowance shall be made for such changes when final settlement is made under this contract.~~

Should the second party, during the term hereof, acquire control of other lines, this contract is to be extended to cover such lines on a similar guaranty based upon the operations for the twelve months prior to its acquisition; should, however, such lines at the time of the acquisition have a similar guaranteed contract with the first party, such contract is to be continued until its expiration.

Section 10. Consolidation with other lines.

~~The first party will lease to the second party, at the latter's option, oil cups at the rate of 35 cents and 25 cents each respectively as per list attached hereto, under conditions as follows: The second party to pay the first party for cups within sixty days of date of delivery, and shall retain the use of said cups so long as it shall continue to use exclusively lubricants to be furnished by the first party. Said cups shall be applied to the equipment by and at the expense of the second party. If at any time the second party shall discontinue the use of lubricants furnished by the first party, the first party will, on return of said cups in good condition, refund the amount paid by the second party for same; if, however, the second party elects to retain the cups, or fails to return them in good condition, it shall pay to the first party 75 cents additional for each cup not so returned. The said cups shall be removed from the equipment by and at the expense of the second party, and shall be returned free of charge to the first party.~~

Section 11. Oil cups.

Final settlement to be made at the expiration of this contract.

Section 12. Settlement.

This contract, signed in duplicate, shall be binding upon the parties hereto, their respective successors and assigns, and remain in full force and effect for one year, from January 1, 1908, to January 1, 1909.

Section 13. Term.

In witness whereof, the parties hereto have caused this contract to be signed in their respective corporate name, by their duly authorized officer or agent, this 15th day of January, 1908.

THE GALENA-SIGNAL OIL COMPANY,
By GEO. A. VARNES, *Asst. Mgr.*
THE PITTSBURG RAILWAYS COMPANY,
By JAMES D. CALLERY, *President.*

DEFENDANTS' EXHIBIT 42.

[Duplicate.]

Contract between the Galena-Signal Oil Company, of Franklin, Pa., party of the first part, and the Metropolitan Street Railway Company, of Kansas City, Mo., party of the second part, witnesseth:

FIRST PARTY.

Section 1. Prices and delivery.

The first party agrees to sell to the second party, on orders of its authorized agent, a full supply of signal oil and the following named lubricants, which the second party may require during the period of this contract, upon terms as follows:

Galena electric car oil, for car and motor journals	22c.	per	gallon
Galena power house valve oil	52c.	"	"
Galena power house engine oil	32c.	"	"
Galena dynamo oil	42c.	"	"
Galena air compressor oil	27c.	"	"
Galena crank case oil	27c.	"	"
Galena track oil, for curves and switches	12c.	"	"
Galena motor grease, for motor bearings where oil can not be introduced	7¾c.	"	pound
Galena gear grease	4¼c.	"	"
Perfection signal oil	38c.	"	gallon
Galena turbine oil	37c.	"	"
Galena gear lubricant	12¼c.	"	"

Above prices are for the oils and greases named delivered in barrels, f. o. b., at car barns and power houses of the second party in Kansas City, Mo., and Kansas City, Kans.

Section 2. Cost guaranty.

The first party hereby guarantees that in the exclusive use of the lubricants furnished by it for the respective purposes for which they are intended, the average cost to the second party for the lubrication of its rolling equipment shall not exceed $.20 per thousand miles run of such equipment, and for lubricating machinery in power plants and sub-stations, shall not exceed $.12 per engine hour run or thousand kilowatt hours output by such plants.

Section 3. Refund of excess over guaranty.

If the total cost of lubricants consumed in the services above mentioned combined at the end of the year, as may be shown by monthly reports (provided for in section 6) verified by the first party, should exceed the guaranteed costs combined, based on the units of work performed, then the first party is to refund to the second party an amount equal to such excess. Should, however, the total cost of lubricants so used fall below the combined guaranteed costs the saving thus effected shall accrue to the second party.

Section 4. Allowance and deductions for empty barrels.

The first party agrees to pay the second party for empty barrels in which it shall have shipped oil or grease to the second party, returned in good order, f. o. b., at Franklin, Pa., at $1.00 each for oil barrels, and $.65 each for grease barrels, with proper deductions for imperfect barrels.

SECOND PARTY.

The second party agrees to purchase, during the term hereof, its entire supply of signal oil, and lubricants for use on track curves, rolling equipment, machinery and power plants from the first party, and to pay the invoices of the first party covering same, delivered in accordance with section 1, within sixty days of date of invoice, without discount for earlier payment, provided, however, that the second party may withhold until final settlement payment of invoices covering deliveries sufficient to protect it against any excess cost over the guaranteed cost, as may be shown by monthly reports to be rendered by the second party (provided for in section 6).

Section 5. Purchase of signal oil and lubricants and payment of invoices.

The second party agrees to render the first party monthly statements, upon blanks supplied by the first party, showing the total miles run by the rolling equipment, the engine hours run or kilowatt hours output in power plants and substations, and the quantities of each kind of lubricants consumed; also, a correct and complete inventory of each kind of lubricant on hand at the date of the beginning and ending of each yearly term hereof.

Section 6. Reports and inventories to be furnished the first party.

MUTUAL OBLIGATIONS.

The first party will furnish as many inspectors, or experts, as it may deem necessary to look after the economical use and give instructions in the proper application of these oils and lubricants; such service to be free of charge excepting that the second party is to furnish them free transportation over its railway and render necessary cooperation to the end that the best results may be obtained, and the cost of lubrication be reduced as low as possible consistent with good service.

Section 7. Expert service and cooperation to be rendered.

In computing the cost of lubricants consumed, during the term hereof, to compare with the guaranteed cost, as per section 2, the lubricants shall be charged in at the invoice prices named in section 1 (excepting such other lubricants as may be on hand at beginning of contract which shall be charged in at prices paid for same), less the value of all barrels at prices as per section 4. Lubricants used for initial lubrication of new equipment installed during the period of this contract shall not be included in the cost per thousand miles run, or engine hour run, or kilowatt hours output.

Section 8. Basis of computing cost.

Should the second party, during the term hereof, alter its car equipment or make any additions to its power plants or other machinery, causing an increase in the cost of lubrication per thousand miles run of cars or per engine hour run or kilowatt hours output as against the comparative period or as obtained at the time of making this contract, proper allowance shall be made for such changes when final settlement is made under this contract.

Section 9. Increase or alteration in equipment — allowance to be made.

Should the second party, during the term hereof, acquire control of other lines, this contract is to be extended to cover such lines on a similar guaranty based upon the operations for the twelve months prior to its acquisition; should, however, such lines at the time of the acqui-

Section 10. Consolidation with other lines.

sition, have a similar guaranteed contract with the first party, such contract is to be continued until its expiration.

The first party will lease to the second party, at the latter's option, oil cups at the rate of 35 cents and 25 cents each respectively as per list attached hereto, under conditions as follows:

Section 11. Oil cups. The second party to pay the first party for cups within sixty days of date of delivery, and shall retain the use of said cups so long as it shall continue to use exclusively lubricants to be furnished by the first party. Said cups shall be applied to the equipment by and at the expense of the second party. If at any time the second party shall discontinue the use of lubricants furnished by the first party, the first party will, on return of said cups in good condition, refund the amount paid by the second party for same; if, however, the second party elects to retain the cups or fails to return them in good condition, it shall pay to the first party 75 cents additional for each cup not so returned. The said cups shall be removed from the equipment by and at the expense of the second party, and shall be returned free of charge to the first party.

Section 12. Settlement. Final settlement to be made at the expiration of this contract.

Section 13. Term. This contract, signed in duplicate, shall be binding upon the parties hereto, their respective successors and assigns, and remain in full force and effect for one year, from April 1, 1908, to April 1, 1909.

In witness whereof, the parties hereto have caused this contract to be signed in their respective corporate name, by their duly authorized officer or agent, this 11th day of March, 1908.

THE GALENA-SIGNAL OIL COMPANY,
By J. S. SEELEY, *Resident Manager.*

THE METROPOLITAN ST. RY. COMPANY,
By W. E. KIRKPATRICK, *V. P.*

Oil cups to be leased at 25 cents each.

Pattern No.	26,	for Gen. Elec. motor No.	800, axle.
do	44,	do	57, brake on axle.
do	32,	do	62, axle.
do	31,	do	1200, both axle and armature.
do	33,	do	52 axle and 800 armature.
do	48,	do	52, 54, and 67 armature.
do	43,	do	67, 1000, 2000, and 54 axle, 1000 and 2000 armature.
do	34,	do	72, axle and armature, and pinion end of motor No. 62.
do	49,	do	62, commutator end of armature.
do	35,	do	60, armature and axle, and motor No. 58, axle.
do	35½,	do	57, armature and axle.
do	28,	do	58, commutator end of armature.
do	29,	do	58, pinion end of armature.
Special No.	1,	do	60, pinion end of armature.
do	2,	do	60, commutator end of armature.
do	3,	do	60, axle.
do	4,	do	1200, axle.
do	65,	do	1000, axle and armature.
Pattern No.	10,	for Westinghouse motor No.	10, armature.
do	11,	do	10, axle.
do	36,	do	49, 49D, and 52, armature and axle, and No. 56, 68, 68C, and 69 armature.
do	66,	do	56, axle.
do	37½,	do	68 and 68C, axle.
do	41,	do	38, 38B, 47, 47A, 48, and 48A, all axle and armature.
do	27.	do	76, axle.
do	40,	do	62, axle.
do	40½,	do	62, armature.
do	42,	do	12 and 12A armature, and 12 axle.
do	42½,	do	12A, axle.
do	46,	do	81, axle.
do	47,	do	81, armature.
do	63,	do	69, axle.
do	64,	do	12A, axle.
do	58,	do	68, axle (special).
do	50,	Lorain Steel Johnson motor No. 20, axle.	
do	45½,	Lorain Steel Company motor No. 34, axle.	
do	52,	Stanley motor No. 401, axle.	
do	53,	do 401, armature.	
do	54,	Walker motor No. 5, axle.	
do	55,	do 5, armature.	
do	59,	do 10S, axle.	
do	60,	do 10S, armature.	
do	56,	Bullock motor No. I. R. 50, axle.	
do	57,	do I. R. 50, armature.	
do	38,	Westinghouse motor No. 76, armature.	

Oil cups to be leased at 35 cents each.

Pattern No.	30,	for Westinghouse motor No. 68 (T. & W.) armature.	
do	39,	do	3, axle.
do	39½,	do	3, armature.
do	45,	for Lorain Steel Company motor No. 34, armature.	
do	51,	do Johnson motor No. 20, armature.	
do	67,	for Gen. El. W. P. motor No. 50, axle and armature.	

All metal bridge cups to be leased at 35 cents each.

DEFENDANTS' EXHIBIT 43.

Street railways under guaranteed contract.

Name of road.	Location.	Miles operated.	No. of cars.
Angola Ry. & Power Co	Angola, Ind	5	4
Atlanta Northern Ry	Atlanta, Ga	20	7
Atlantic City & Shore R. R	Atlantic City, N. J	32	20
Central Passenger Ry			
Atlantic Avenue & Longport Div			
Atlantic City & Suburban Trac. Co	Atlantic City, N. J	18	21
Auburn & Syracuse Elec. Co	Syracuse, N. Y	54	31
Aurora, Elgin & Chicago R. R	Wheaton, Ill	158	115
Cook County & Southern Ry			
Elgin, Aurora & Southern Ry. Co			
Augusta Ry. & Elec. Co	Augusta, Ga	25	14
Augusta-Aiken Ry			
Bay City Traction & Elec. Co	Bay City, Mich	22	50
Beaver Valley Traction Co	Beaver Falls, Pa	32	47
Berkshire Street Ry	Pittsfield, Mass	70	80
Birmingham Ry. & Light Co	Birmingham, Ala	127	226
Boston Elevated Ry	Boston, Mass	457	3,313
Butler Passenger Ry	Butler, Pa	15	16
Cambridge Power, Light & Trac. Co	Cambridge, O	11	10
Camden & Trenton Ry	Camden, N. J	31	25
City & Elm Grove Ry	Wheeling, W. Va	32	44
Columbus Ry. & Light Co	Columbus, O	123	374
Consolidated Rys., Light & Power Co	Wilmington, N. C	17	27
Consolidated Rys	New Haven, Conn	632	1,524
Chautauqua Trac. Co., Jamestown St. Ry	Jamestown. N. Y	56	70
Cape Breton Electric Co	Sydney, N. S	12	12
Cincinnati, Milford & Loveland Trac. Co	Cincinnati, O	37	17
Chicago, South Bend & Northern Indiana Trac. Co	South Bend, Ind	80	95
Duluth Street Ry	Duluth, Minn	73	103
Dayton & Troy Electric Ry	Dayton, O	36	25
East Liverpool Trac. & Light Co	East Liverpool, O	32	55
East Liverpool & Rock Springs Ry			
Eastern Pennsylvania Trac. Co	Lansford, Pa	77	.....
Edison Electric Illuminating Co	Tamaqua, Pa	.....	.....
Fitchburg & Leominster St. Ry	Fitchburg, Mass	41	60
Frackville & Gilberton, Lt., Ht. & Power Co	Frackville, Pa	.....	.....
Georgia Ry. & Electric Co	Atlanta, Ga	155	220
Helena Light & Ry. Co	Helena, Mont	19	19
Illinois Traction Co	Champaign, Ill	500	200
Indiana Union Trac. Co	Anderson, Ind	366	266
Indianapolis, Columbus & Southern Ry	Columbus, Ind	40	22
International Rys. Co	Buffalo, N. Y	358	1,062
Interborough Rapid Transit Co	New York, N. Y	139	1,544
Kansas City Western Ry	Kansas City, Kas	50	49
Kittanning & Leechburg Ry	Kittanning, Pa	10	12
Kokomo, Marion & Western Ry	Kokomo, Ind	40	24
Lake Shore Electric Co	Cleveland, O	160	70
Lehigh Valley R. R	Sayre, Pa	.....	.....
Lehigh Valley Transit Co	Allentown, Pa	121	120
Los Angeles Ry	Los Angeles, Calif	71	113
Los Angeles Pacific Elec. Ry	Los Angeles, Calif	260	307
Louisville & Southern Indiana Ry	New Albany, Ind	23	36
Louisville & Northern Ry. & Light Co	New Albany, Ind	25	.....
Mahoning & Shenango Ry. & Light Co	New Castle, Pa	145	200
Memphis Street Ry	Memphis, Tenn	100	260
Metropolitan West Side Elevated Ry	Chicago, Ill	51	262
Michigan United Rys	Lansing, Mich	153	175
Milford & Uxbridge St. Ry	Milford, Mass	50	50
Minersville Electric Light Co	Minersville, Pa	.....	.....
Moline, East Moline & Watertown Ry	Moline, Ill	8	18
Peoples Power Co			
Montreal Street Ry	Montreal, Canada	131	532
Mount Vernon Electric Ry	Mount Vernon, O	9	20
Metropolitan Street Ry	Kansas City, Mo	225	650
Nassau Light & Power Co	.....	.....	.....
New England Investment & Security Co	Boston, Mass	523	502
New Jersey & Hudson River Ry. & Ferry Co	Edgewater, N. J	45	53
Newtown Electric St. Ry	Newtown, Pa	28	17
Northern Ohio Trac. & Light Co	Akron, O	193	230
New York & Queens County R. R	Long Island City, N. Y	74	226
New York City Ry	New York, N. Y	312	3,597
Northern Electric Ry. of California	Chico, Cal	115	50
Ohio River Electric Ry. & Power Co	Pomeroy, O	12	12
Pan Handle Traction Co	Wheeling, W. Va	18	9
Philadelphia Rapid Transit Co	Philadelphia, Pa	613	3,817
Pittsburg Railways Co	Pittsburg, Pa	516	1,820
Pittsburg, McKeesport & Greensburg Ry	Greensburg, Pa	30	31

DEFENDANTS' EXHIBIT 43—Continued.

Street railways under guaranteed contract—Continued.

Name of road.	Location.	Miles operated.	No. of cars.
Pittsburg & Butler St. Ry	Butler, Pa	40	15
Portland Lt. & Pr. Co.—Consolidated Elec. Lt. Co	Portland, Me		
Pottsville Union Trac. Co.—Edison Elec. Ill. Co	Pottsville, Pa	42	56
Public Service Corporation of N. J	Camden & Trenton, N. J	663	2,337
Pittsburg, McKeesport & Connelsville Ry	Pittsburg, Pa	74	85
Poughkeepsie City & Wappingers Falls Ry	Poughkeepsie, N. Y	18	27
Rochester Railway & Light Co	Rochester, N. Y		
Rockford & Interurban Ry	Rockford, Ill	96	102
Richmond & Chesapeake Bay Ry	Richmond, Va	15	4
Raleigh Electric Co	Raleigh, N. C	6	28
Saginaw Valley Traction Co	Saginaw, Mich	34	68
San Diego Electric Co	San Diego, Cal	30	36
Steubenville, Mingo & Ohio Valley Trac. Co	Steubenville, O	17	21
Steubenville & Wheeling Trac. Co	Steubenville, O	17	21
Steubenville & E. Liverpool Ry. & Lt. Co	Steubenville, O	19	32
Seattle Electric Co	Seattle, Wash	140	377
Suburban Manufacturing Co	Newton, Mass	78	203
Taunton & Pawtucket St. Ry	Taunton, Mass	18	21
Toledo & Indiana Ry	Toledo, O	100	40
Toledo, Fostoria & Findlay Ry	Fostoria, O	34	10
Tri-City Ry.—Peoples Light Co.—Davenport G. & E. Co.	Davenport, Ia	74	250
Trenton & New Brunswick R. R	Trenton, N. J	23	6
Transit Development Co	Brooklyn, N. Y	557	3,509
Union St. Ry	New Bedford, Mass	31	116
Virginia Pass. & Lo. Co.—Richmond Pass. & Po. Co	Richmond, Va	118	320
Washington & Cannonsburg Ry	Washington, Pa	25	36
Washington Water Power Co	Spokane, Wash	72	108
Webster, Monessen, Belle Vernon & Fayette City Ry	Monessen, Pa	7	5
Western Ohio Ry	Lima, O	112	19
West Penn Rys. Co	Pittsburg, Pa	105	118
Wheeling Traction Co	Wheeling, W. Va	75	114
Wilkes Barre Gas & Elec. Co	Wilkes Barre, Pa		
Winnebago Traction Co	Oshkosh, Wis	40	50
Worcester Consolidated St. Ry	Worcester, Mass	156	341
Western New York & Penn'a Traction Co	Olean, N. Y	85	64
Youngstown & Sharon St. Ry	Youngstown, O	40	30
Total		10,974	31,559

Total mileage U. S. & Canada (estimated)	41,350
" " under guaranteed contract	10,974 or 26.7%
Total No. cars U. S. & Canada (estimated)	93,200
" " " under guar'd contract	31,559 or 33.9%

DEFENDANTS' EXHIBIT 44.

Street railways under gallonage contract.

Name of road.	Location.	Miles operated.	No. of cars.
Camden Interstate Ry	Huntington, W. Va	30	50
Clinton St. Ry	Clinton, Ia	14	12
Edgerton Tramway, Ltd	Halifax, N. S	8	5
Evansville, Suburban & Newburg Tr. Co	Evansville, Ind	25	46
Evansville & Southern Indiana Tr. Co	Evansville & Princeton, Ind.	31	96
Fairmont & Clarksburg Tr. Co	Fairmont, W. Va	43	39
Galt, Preston & Hespeler St. Ry	Galt, Ont	21	30
Grand Rapids, Holland & Chicago Ry	Holland, Mich	81	50
Hudson Valley Ry	Glen Falls, N. Y	128	150
Indianapolis, Crawfordsville & West. Tr. Co	Indianapolis, Ind	45	10
Indianapolis & Louisville Trac. Co	Louisville, Ky	42	12
Iowa & Illinois Ry	Clinton, Ia	36	9
Illinois Tunnel Co	Chicago, Ill	.....	.....
Joplin & Pittsburg Ry	Pittsburg, Kas	48	30
Lackwanna & Wyoming Valley Ry	Scranton, Pa	23	57
Mansfield Ry., Light & Power Co	Mansfield, O	20	24
Meadville & Cambridge Springs St. Ry	Meadville, Pa	15	5
Meadville, Conneaut Lake & Linesville Ry	Meadville, Pa	12	11
Meadville Traction Co			
Sandusky, Norwalk & Mansfield El. Ry	Norwalk, O	33	8
Sheboygan Light, Power & Ry. Co	Sheboygan, Wis	25	20
Southern Michigan Ry	South Bend, Ind	25	14
Syracuse & Suburban Ry	Syracuse, N. Y	18	18
Sydney & Glace Bay St. Ry	Sydney, N. S	22	10
Syracuse Rapid Transit Co	Syracuse, N. Y	80	172
Waterloo, Cedar Falls & Northern Ry	Waterloo, Ia	89	85
Wetzel & Tyler R. R	New Martinsville, W. Va	11	4
Western Rys. & Light Co. of Illinois:			
Illinois Valley Ry	La Salle, Ill	60	25
Citizens' Lighting Co			
Galesburg Ry. & Light Co	Galesburg, Ill	21	25
Quincy Horse Ry. & Carrying Co	Quincy, Ill	18	35
Total		1,024	1,072

Total number of miles in U. S. & Canada (estimated) 41,350
" " " " under gallonage contracts ..... 1,024, or 2.4%
Total number of cars in U. S. & Canada (estimated) 93,200
" " " " under gallonage contracts ..... 1,072, or 1.1%
Total mileage of U. S. & Canada (estimated) 41,350
" " under contract ..... 11,998, or 29%
Total cars operated in U. S. & Canada (estimated) 93,200
" " " under contract ..... 32,631, or 35%

5/19/08

DEFENDANTS' EXHIBIT 45.

Street railways under guaranteed contract.

Name of company.	Location.	Basis of guar'd cost.	Cost per 1,000.	
			Miles cars.	K. W. H. power houses.
Angola Railway & Power Co	Angola, Ind	90%		
Atlanta Northern Ry	Atlanta, Ga		$.24	
Atlantic City & Shore Ry	Atlantic City, N. J.		.14	
Central Passenger Ry				
Atlantic Ave. & Longport Div	Atlantic City, N. J.		.15	$.0225, engine hour.
Atlantic City & Suburb. Tr. Co				
Auburn & Syracuse Elec. Co	Syracuse, N. Y	100%	.28	
Aurora, Elgin & Chicago R. R	Wheaton, Ill	90%	.317	
Cook County & Southern R. R				
Elgin, Aurora & So. Trac. Co				
Augusta Ry. & Elec. Co	Augusta, Ga		.20	.09
Augusta-Aiken Ry				
Bay City Trac. & Elec. Co	Bay City, Mich	100%		
Beaver Valley Traction Co	Beaver Falls, Pa		.316431	.1730.88
Berkshire Street Ry	Pittsfield, Mass		.25	.143
Birmingham Ry. & Light Co	Birmingham, Ala	90%	.4577	
Boston Elevated Ry	Boston, Mass		.14	
Butler Passenger Ry	Butler, Pa	100%	.15	
Cambridge Power, Light & Trac. Co	Cambridge, O	90%		
Camden & Trenton Ry	Camden N. J		.25	
City & Elm Grove Ry	Wheeling, W. Va	90%	.3024	.1737
Columbus Ry. & Light Co	Columbus, O		.16	
Consolidated Rys., Light & Power Co	Wilmington, N. C	90%	.55	
Consolidated Railways	New Haven, Conn		.25	.143
Chautauqua Traction Company	Jamestown, N. Y	95%		
Jamestown St. Ry				
Cape Breton Electric Co., Ltd	Sydney, N. S	100%		.04008, engine hour.
Cincinnati, Milford & Loveland Trac. Co.	Cincinnati, O	90%		
Chicago, South Bend & Nor. Ind. Trac. Co.	South Bend, Ind	90%		
Duluth Street Railway	Duluth, Minn	100%	.2659	
Dayton & Troy Electric Ry	Dayton, O	90%		
East Liverpool Traction & Light Co	East Liverpool, O		.355	
East Liverpool & Rock Springs Ry				
Eastern Penn'a Traction Co	Lansford, Pa	90%		
Edison Electric Illuminating Co	Tamaqua, Pa	90%		
Fitchburg & Leominster St. Ry	Fitchburg, Mass		.60, all services.	
Frackville & Gilberton Light, Heat & Power.	Frackville, Pa	90%		
Georgia Railway & Electric Co	Atlanta, Ga		.24	.16
Helena Light & Railway Co	Helena, Mont	90%	.5823	.003897
Illinois Traction Co	Champaign, Ill	100%	.254	.15
Indiana Union Traction Co	Anderson, Ind	90%	.2773	.061758
Indianapolis, Columbus & Southern Ry.	Columbus, Ind		.50	
International Ry	Buffalo, N. Y	90%	.25	
Interborough Rapid Transit Co.:				
Manhattan Division	New York City	95%	.15	.07
Subway "			.16	.10
Kansas City Western Ry	Kansas City, Kans	100%	.15	
Kittanning & Leechburg Ry	Kittanning, Pa	100%	.35	
Kokomo, Marion & Western Ry	Kokomo, Ind	100%	.35	
Lake Shore Electric Ry	Cleveland, O	90%	.47952	
Lehigh Valley R. R	Sayre, Pa			.40
Lehigh Valley Transit Co	Allentown, Pa	90%		
Los Angeles Ry	Los Angeles, Calif	90%	.40995	
Los Angeles Pacific Elec. Ry	Los Angeles, Calif		.35	
Louisville & Southern Indiana Ry	New Albany, Ind	90%		
Louisville & Northern Ry. & Lt. Co				
Mahoning & Shenango Ry. & Light Co	New Castle, Pa	90%	.3465	
Memphis Street Ry	Memphis, Tenn	90%	.4041	
Metropolitan West Side Elevated Ry	Chicago, Ill		.12	.12
Michigan United Railways	Lansing, Mich		.35	
Milford & Uxbridge St. Ry	Milford, Mass	100%	.39	.2475
Minersville Electric Light Co	Minersville, Pa	90%		
Moline, East Moline & Watertown Ry	Moline, Ill	90%		
Peoples Power Co				
Montreal Street Ry	Montreal, Que		.25	
Mt. Vernon Electric Ry	Mt. Vernon, O	90%		
Metropolitan St. Ry	Kansas City, Mo		.20	.12
Nassau Light & Power Co	Roslyn, N. Y	90%		.0918
New England Investment & Security Co.	Boston, Mass		.25	.143
New Jersey & Hudson River Ry. & Ferry Co.	Edgewater, N. J	90%		
Newtown Electric St. Ry	Newtown, Pa	90%		.028, engine hour.
Northern Ohio Traction & Light Co	Akron, O	100%		
New York & Queens County Ry	Long Island City N. Y.	90%		

DEFENDANTS' EXHIBIT 45—Continued.

Street railways under guaranteed contract—Continued.

Name of company.	Location.	Basis of guar'd cost.	Cost per 1,000.	
			Miles cars.	K. W. H. power houses.
New York City Ry	New York City		$.1538	$.0834
Northern Electric Ry., of California	Chico, Calif		.65 pass .15 frt.	cars. "
Ohio River Elec. Ry. & Power Co	Pomeroy, O	90%	.1503	.3267
Panhandle Traction Co	Wheeling W. Va	90%	.2403	.0684
Philadelphia Rapid Transit Co	Philadelphia, Pa	90%	.1206	
Pittsburg Railways	Pittsburg, Pa	90%	.30	.15
Pittsburg, McKeesport & Connelsville Ry.	Pittsburg, Pa		.355	
Pittsburg & Butler St. Ry	Butler, Pa		.38	.05
Portland Light & Power Co	Portland, Me	90%		
Consolidated Electric Light Co				
Pottsville Union Traction Co	Pottsville, Pa	90%		
Edison Electric Illuminating Co				
Public Service Corporation of N. J.:				
North Jersey Division	Trenton, N. J	90%	.35	
South Jersey "	Camden, N. J	90%	.22	.12
Pittsburg, McKeesport & Greensburg Ry	Greensburg, Pa	95%	.355	
Poughkeepsie City & Wappingers Falls Ry.	Poughkeepsie, N. Y	90%	.2538	
Rochester Ry. & Light Co	Rochester N. Y	90%		.15, steam. .02, water.
Rockford & Inter-urban Ry	Rockford, Ill	100%	.57	
Richmond & Chesapeake Ry	Richmond, Va		.25	
Raleigh Electric Co	Raleigh, N. C		.25	.16
Saginaw Valley Traction Co	Saginaw, Mich	100%		
San Diego Electric Co	San Diego, Cal		.069	
Steubenville, Mingo & Ohio Valley Trac. Co.	Steubenville, O	90%	.2403	.0684
Steubenville & East Liverpool Ry. & Lt. Co.				
Seattle Electric Co	Seattle, Wash		.24	
Suburban Manufacturing Co	Newton, Mass	90%		
Taunton & Pawtuckett St. Ry	Taunton, Mass		.25	.20
Toledo & Indiana Ry	Toledo, O	90%		
Toledo, Fostoria & Findlay Ry	Fostoria, O	90%		
Tri-City Ry	Davenport, Iowa	90%		
Peoples Light Co				
Davenport Gas & Electric Co				
Trenton & New Brunswick R. R	Trenton, N. J	90%		
Transit Development Co	Brooklyn, N. Y	90%	.144	.0822
Union St. Ry	New Bedford, Mass		.27	
Virginia Passenger & Power Co	Richmond, Va		.18	
Richmond Passenger & Power Co				
Washington & Cannonsburg Ry	Washington, Pa	95%	.22	.185
Washington Water Power Co	Spokane, Wash		.50	
Webster, Bell Vernon & Fayette City Ry.	Monessen, Pa	90%	.20	
Western Ohio Ry	Lima, O	90%	.23234	.09189
West Penn Rys	Pittsburg, Pa		.355	
Wheeling Traction Co	Wheeling, W. Va	90%	.2403	.0684
Wilkes-Barre Gas & Electric Co	Wilkes-Barre, Pa	90%		
Winnebago Traction Co	Oshkosh, Wis	100%	.243	.34
Worcester Consolidated St. Ry	Worcester, Mass		.25	.143
Western New York & Penn'a Trac. Co	Olean, N. Y	95%		
Youngstown & Sharon St. Ry	Youngstown, O	90%	.3465	

DEFENDANTS' EXHIBIT 46.

Shipments to Panama Railroad and Panama Canal Commission.

PANAMA RAILROAD.

Year.	Kind of oil.	Gallons.	Price.	Value.	Total.
1902	Signal oil	50	$0.34	$17.00	$17.00
1903	Signal oil	150	.34	51.00	51.00
1904	Signal oil	600	.34	204.00	204.00
1905	Signal oil	1,000	.34	340.00	340.00
1906	Car oil	8,642.5	.18	1,555.65	
	Engine oil	3,307	.28	725.96	
	Valve oil	3,094	.48	1,485.12	
	Signal oil	1,889.5	.34	642.43	
	Hot box comp	519	.03	15.57	
	" " "	9,700	.04	388.00	
	Rod cup grease	414	.075	31.05	
					4,843.78
1907	Car oil	9,256	.18	1,666.08	
	Engine oil	9,108	.28	2,550.24	
	Valve oil	7,968.5	.48	3,824.88	
	Signal oil	3,586.5	.34	1,219.41	
					9,260.61
1908, 1/1 to 4/30	Car oil	5,048.5	.18	908.73	
		4,513	.28	1,263.64	
		4,456.5	.48	2,139.12	
					4,311.49

ISTHMIAN CANAL COMMISSION.

1907	Car oil	39,981.5	.18	7,196.67	
	Engine oil	54,341.5	.28	15,215.62	
	Valve oil	29,185.5	.48	14,009.04	
					36,421.35
1908, 1/1 to 4/30	Car oil	26,105.3	.18	4,698.95	
	Engine oil	24,253.1	.28	6,790.87	
	Valve oil	23,580.5	.48	11,318.64	
					22,808.46

5/8/08

DEFENDANTS' EXHIBIT 47.

Exhibit A.

Isthmian Canal Commission,
Office of General Purchasing Officer,
Washington, D. C., April 11, 1908.

Galena-Signal Oil Company,
26 Broadway, New York.

Sirs: You are requested to supply the Isthmian Canal Commission with the following articles, billed as ordered, and itemized at net prices:

	Unit prices.	Total price.
5,000 gallons, car oil "Galena Perfection," per gal	.22	$1,100.00
4,000 gallons, engine oil, "Galena Perfection," per gal	.32	1,280.00
Total		$2,380.00

All of the above oils are to be put up in 5-gallon cans, tins to be packed two in each case, made of $\frac{5}{8}''$ boards, all around, securely packed for ocean shipment.

The above to be properly packed and secured for ocean shipment and delivered free of all charges in Isthmian Canal Commission terminal store No. 21, West 27th street, near 13th avenue, New York, in accordance with your letter of proposal dated March 26th, 1908, at the total cost of $2,380.00.

Notify inspecting engineer, Isthmian Canal Commission, Washington, D. C., when the material is ready for inspection, sending the notification a sufficient time in advance to insure against delay for inspection.

Delivery at New York is to be made as soon as possible after advice from the inspecting engineer that the material has passed inspection. Shipment to be made within twenty (20) days from April 13, 1908.

It is requested that you acknowledge receipt of this order promptly and at the same time advise this office earliest dates deliveries can be made.

Purchased in open market without advertising, it being impracticable to secure competition because Galena Perfection oils are certified by the officials on the Isthmus as the only oils that will meet the requirements of the service, and manufactured only by the Galena-Signal Oil Company.

By the authority of the general purchasing officer:

(Signed) F. C. Boggs,
Captain Corps of Engineers, U. S. A.,
Assistant General Purchasing Officer.

Exhibit B.

Isthmian Canal Commission.

The United States to Galena-Signal Oil Co., dr.

			Total.
1908.	Apr. 30'08.		
May 1.	To 3,903.0955 gals. Galena engine oil, .32		$1,248.99
	5,020.3527 " " car " .22		1,104.48
	Total amount claimed		2,353.47

I certify that the above bill is correct and just and that payment therefor has not been received.

Galena-Signal Oil Company,
(Signed) By E. H. Sibley, *Treasurer.*

$2,353.47. Designation ———.

I certify that the above account is correct and just; that the articles have been received by the Isthmian Canal Commission in good condition; that they were necessary for the public service; that they were procured in accordance with No. 5 of the methods of competition stated on the back hereof, and under the character of agreement lettered C on the back hereof, and that the prices are just, reasonable, and in accordance with agreement.

(Signed) C. E. Cole,
Chief Clerk, Purchasing Department.

Amount submitted for: $2,353.47.
Differences as follows:
Approved and payment authorized, $2,353.47.
By direction of the chairman:

(Signed) H. F. Hodges,
Lieut. Col., Corps of Engineers, U. S. A.,
General Purchasing Officer.

METHODS OF PURCHASE OF SUPPLIES AND ENGAGEMENT OF SERVICE.

1. After advertising in newspapers.
2. After advertising by means of circular letters sent to ——— dealers, and by posting notices in public places.
3. Without advertising and at rates fixed by law (either federal State, or municipal) or by competent regulation.
4. Without advertising, and upon non-competitive quotations, under an exigency of the service, existing prior to the order, which would not admit of delay incident to advertising.
5. Without advertising, and upon non-competitive quotations, it being impracticable to secure competition because Galena oils are certified by the officials on the Isthmus as the only oils that will meet the requirements of the service, and manufactured only by the Galena-Signal Oil Co.

CHARACTER OF AGREEMENT.

A. Under formal contract dated 1908.
B. By proposal filed , and acceptance filed.
C. By oral or other informal agreement.
Quotation and acceptance herewith.
No. 13133.

DEFENDANTS' EXHIBIT 48.

DANVILLE & WESTERN RAILWAY CO.

From an examination of vouchers and papers on file, it appears that the Railway Co. purchased in the year ending May 31, 1900, as follows:

466 gals. valve oil at 50c		$233.00
622½ gals. cylinder oil at 50c		311.25
1,083½ gals. car oil at 20c		216.70
		$760.95
On June 1, 1900, the Railway Co. had on hand 154 gals. of oil at 50c	$77.	
75 " " " " 20c	15.	
		92.00
The above indicates that the cost of oil purchased and used during the year ending May 31, 1900, was		$668.95

In addition to the oil that was on hand June 1, 1899, of which there is no record.

DEFENDANTS' EXHIBIT 49.

DANVILLE & WESTERN RAILWAY.

AUDITOR'S OFFICE.

Statement showing mileage made by and cost of lubricating engines and cars for period June 1, 1900, to May 1st, 1907.

GUARANTEES UNDER CONTRACT JUNE 1, 1900, TO MAY 31, 1903.

Engines _____ $1.85
Pass. cars_____ .11
Frt. cars_____ .11

	Miles.	Railroad's cost.	Railroad's cost per 1,000 miles.
June 1, 1900, to May 31, 1901:			
Engines	184,347	$341.04	$1.85
Passenger cars	228,207	25.10	.11
Freight cars	370,122	40.71	.11
	.....	406.85	.....
June 1, 1901, to May 31, 1902:			
Engines	183,505	228.43	1.2448
Passenger cars	204,653	11.80	.0577
Freight cars	281,086	28.82	.1025
	.....	269.05	.....
June 1, 1902, to May 31, 1903:			
Engines	189,723	244.84	1.2905
Passengers cars	179,141	13.21	.0737
Freight cars	121,463	14.15	.1165
	.....	272.20	.....

GUARANTEES UNDER CONTRACT JUNE 1, 1903, TO MAY 31, 1906.

Engines _____ $1.50
Pass. cars_____ .10
Frt. cars_____ .10

June 1, 1903, to May 31, 1904:			
Engines	188,655	$251.18	$1.3314
Passenger cars	181,248	9.73	.0537
Freight cars	355,621	23.95	.0674
	.....	284.86	.....
June 1, 1904, to May 31, 1905:			
Engines	191,996	237.03	1.2345
Passenger cars	175,120	11.73	.0670
Freight cars	431,795	23.37	.0541
	.....	272.13	.....
June 1, 1905, to May 31, 1906:			
Engines	201,587	220.96	1.0961
Passenger cars	188,907	11.41	.0604
Freight cars	502,840	23.61	.0470
	.....	255.98	.....

GUARANTEES UNDER CONTRACT JUNE 1, 1906, TO MAY 31, 1909:

Engines _____ $1.25
Pass. cars_____ .08
Frt. cars_____ .06

	Miles.	Railroad's cost.	Railroad's cost per 1,000 miles.
June 1, 1906, to May 31, 1907:			
Engines	222,237	$249.84	$1.1242
Passenger cars	185,537	11.33	.0611
Freight cars	432,896	22.70	.0524
	.....	283.87	.....

DEFENDANTS' EXHIBIT 50.

1876

CENTENNIAL EXPOSITION

Bronze medal, accompanied by the following certificate:

E PLURIBUS UNUM

INTERNATIONAL EXHIBITION

1876

Certificate of Award

GALENA OIL WORKS (LIMITED).

Franklin, Pa.

Lubricating and burning oils from petroleum and Model Oil Farm.

No. 191, Group III.

UNITED STATES CENTENNIAL COMMISSION
(in accordance with the act of Congress)
Philadelphia, September 27, 1876.

JOHN L. CAMPBELL, *Secretary.*
A. T. GOSHORN, *Director General.*
JOS. R. HAWLEY, *President.*

THE
UNITED STATES
CENTENNIAL
COMMISSION

1776–1876

DEFENDANTS' EXHIBIT 51.

Centennial Exhibition, Philadelphia, 1876. Bronze medal, 3 inches in diameter; conferred on Galena Oil Works (Limited), Franklin, Pa., for exhibit of petroleum and burning oils from Petroleum and Model Oil Farm. (See award Exhibit 50.)

DEFENDANTS' EXHIBIT 51.—Reverse side.

DEFENDANTS' EXHIBIT 52.

World's Columbian Exposition. Bronze medal, 3 inches in diameter; conferred on Galena Oil Works (Limited), Franklin, Pa., for exhibit of engine, coach, and car oils. (See award Exhibit 54.)

DEFENDANTS' EXHIBIT 52.—Reverse side.

DEFENDANTS' EXHIBIT 53.

World's Columbian Exposition. Bronze medal, 3 inches in diameter; conferred on Signal Oil Works, Franklin, Pa., for exhibit of Perfection Signal Oil. (See award Exhibit 55.)

DEFENDANTS' EXHIBIT 53.—Reverse side.

DEFENDANTS' EXHIBIT 54.

1893.

WORLD'S COLUMBIAN EXPOSITION.

Bronze medal, accompanied by the following certificate:

THE UNITED STATES OF AMERICA,

By act of their Congress, have authorized the World's Columbian Commission, at the International Exhibition, held in the city of Chicago, State of Illinois, in the year 1893, to decree a medal for specific merit, which is set forth below over the name of an individual judge acting as an examiner, upon the finding of a board of international judges, to

GALENA OIL WORKS, LIMITED,

Franklin, Penna.

EXHIBIT: Galena engine, coach, and car oils.

Award.

For a series of patented, blended petroleum oils, known as Galena engine oil, Galena coach oil, and Galena car oil, constituting a higher class of railroad lubricants than the cheap black oils. They contain a metallic base in perfect solution, whose function is the same as that of the mineral ingredients in the greases known as cooling compounds; that is, the bearing surfaces are polished or ground by the action of these metallic ingredients, to a condition which insures the most perfect lubricating action of the fluid elements of the oil.

For a series of patented, blended petroleum oils for railroad lubrication that contain mineral ingredients which polish or grind the bearing surfaces automatically; that are free from all substances which can corrode metals; that do not gum on the bearing surfaces; that are uniform in quality; that have been well nigh universally adopted in the United States as high class lubricants for railway machinery, and whose use has resulted in great economies in the consumption of oil for such service.

N. B. CRITCHFIELD,
President, Departmental Committee.

GEO. R. DAVIS,
Director General.

T. W. PALMER,
President, World's Columbian Commission.

JNO. T. DICKINSON,
Secretary, World's Columbian Commission.

JOS. D. WEEKS,
Individual Judge.

JOHN BOYD THATCHER,
Chairman, Executive Committee of Awards.

Engraved and printed by the Bureau of Engraving and Printing, U. S. Treasury Dept.

WILL H. LOW, *Inv. et Del.* CHAS. SCHLECHT, *Sculp.*

DEFENDANTS' EXHIBIT 55.

1893.

WORLD'S COLUMBIAN EXPOSITION.

Bronze medal, accompanied by the following certificate:

THE UNITED STATES OF AMERICA

By act of their Congress, have authorized the World's Columbian Commission, at the International Exhibition, held in the city of Chicago, State of Illinois, in the year 1893, to decree a medal for specific merit, which is set forth below, over the name of an individual judge, acting as an examiner, upon the finding of a board of international judges, to

SIGNAL OIL WORKS, LIMITED,
Franklin, Penna.

EXHIBIT: Perfection signal oil.

Award.

For blended petroleum illuminating oil for signal purposes, having a petroleum base, of high fire test, especially made so as to afford a great tenacity between the wick and flame, in order to prevent the latter from being extinguished when, in transmitting signals, a railroad lantern is swung rapidly, or with quick up-and-down movement. This oil is capable of burning for fifteen hours without drop of flame or incrustation of the wick, a property of no little importance in railroad signaling. This oil is sold at about one-half the price of animal and vegetable oils formerly sold for these purposes.

H. M. HOWE,
President, Departmental Committee.
GEO. R. DAVIS,
Director General.
T. W. PALMER,
President, World's Columbian Commission.
JNO. T. DICKINSON,
Secretary, World's Columbian Commission.
JOS. D. WEEKS,
Individual Judge.
JOHN BOYD THATCHER,
Chairman, Executive Committee of Awards.

Engraved and printed by the Bureau of Engraving and Printing, U. S. Treasury Dept.

WILL H. LOW, *Inv. et Del.* CHAS. SCHLECHT, *Sculp.*

DEFENDANTS' EXHIBIT 56.

Louisiana Purchase Exposition, 1904. Bronze medal, 2½ by 3 inches, shield form; conferred on Galena-Signal Oil Works for exhibit of railway, illuminating, and lubricating oils. (See award Exhibit 57.)

DEFENDANTS' EXHIBIT 56.—Reverse side.

DEFENDANTS' EXHIBIT 57.

1904

LOUISIANA PURCHASE EXPOSITION

Bronze medal, grand prize, accompanied by following certificate:

UNITED STATES OF AMERICA

UNIVERSAL EXPOSITION

Saint Louis, MDCCCCIV

Commemorating the acquisition of the Louisiana territory.

The International jury of awards has conferred a grand prize upon

GALENA-SIGNAL OIL COMPANY

Railway Illuminating and Lubricating Oils.

F. J. SKIFF,
Director of Exhibits.

WILLARD A. SMITH,
Chief of Department of Transportation.

DAVID R. FRANCIS,
President Louisiana Purchase Exposition Company.

WALTER B. STEVENS,
Secretary.

DEFENDANTS' EXHIBIT 58.

Pan-American Exposition Gold Medal, 2½ inches in diameter; conferred on Galena Signal Oil Company for railway oils for lubricating and signaling. (See Exhibit 59.)

DEFENDANTS' EXHIBIT 58.—Reverse side.

DEFENDANTS' EXHIBIT 59.

1901

PAN-AMERICAN EXPOSITION.

Gold medal, accompanied by the following certificate:

PAN-AMERICAN EXPOSITION.

BUFFALO, *New York, A. D. 1901.*

The directors, on the recommendation of the superior jury, confer their award of a

GOLD MEDAL

on

GALENA SIGNAL OIL CO.

For railway oils for lubricating and signaling.

JOHN G. MILBURN,
President.
EDWIN FLEMING,
Secretary.
WILLIAM T. BUCHANAN,
Director General.
HENRY S. PRITCHETT,
Superintendent of Awards.

PAN-AMERICAN EXPOSITION CO.

DEFENDANTS' EXHIBIT 60.

[All the matter printed in *italic* appeared in the original in red ink.]

FORM No. 514–B Disbursing officer.
Washington Order No. *13333*
Canal Zone Req. No. *995–C*

ISTHMIAN CANAL COMMISSION,
OFFICE GENERAL PURCHASING OFFICER,
Washington, D. C., *April 30, 1908.*

Galena-Signal Oil Company,
26 Broadway,
New York.

Sirs: You are requested to supply the Isthmian Canal Commission with the following articles, billed as ordered, and itemized at net prices.

	Unit price.	*Total price.*
5,000 gallons car oil, "Galena Perfection"	*.22*	*$1,100.00*
8,000 gallons engine oil, "Galena Perfection"	*.32*	*2,560.00*
8,000 gallons valve oil, "Galena Perfection"	*.52*	*4,160.00*
Total		*$7,820.00*

Above oils to be put up in 5-gallon tins, tins to be packed two in each case made of 5/8" boards all around, packed for ocean shipment.

Purchased in open market without advertising, it being impracticable to secure competition, because Galena Perfection Oils are certified by the officials on the Isthmus as the only oils that will meet the requirements of the service, and manufactured only by the Galena Signal Oil Company.

The above to be properly packed and secured for ocean shipment and delivered free of all charges in Isthmian Canal Commission terminal store, No. 21 West 27th *street, near 13th avenue, New York, in accordance with your letter of proposal dated April 29, 1908, at a total cost of $7,820.00.*

Notify inspecting engineer, Isthmian Canal Commission, Washington, D. C., when the material is ready for inspection, sending the notification a sufficient time in advance to insure against delay for inspection.

Delivery at New York is to be made as soon as possible after advice from the inspecting engineer that the material has passed inspection.

Shipment to be made within twenty (20) days from May 1, 1908.

IT IS REQUESTED THAT YOU ACKNOWLEDGE RECEIPT OF THIS ORDER PROMPTLY and at the same time advise this office earliest dates deliveries can be made.

3–1328
frp–afm
By authority of the General Purchasing Officer:

F. C. BOGGS,
Captain, Corps of Engineers, U. S. A.,
Assistant General Purchasing Officer.

Disbursing Office
Isthmian Canal Commission,
May 2, 1908

RECEIVED

FORM No. 514 A.

SHIPPING INSTRUCTIONS COVERING MATERIAL PURCHASED TO BE DELIVERED FREE OF ALL CHARGES IN ISTHMIAN CANAL WAREHOUSE, TERMINAL STORE NO. 21, WEST 27TH STREET, NEAR 13TH AVENUE, NEW YORK CITY.

(Strict compliance with the following instructions is necessary for prompt settlement of accounts.)

All material to be securely packed for ocean shipment and delivered, freight and cartage prepaid, in Isthmian Canal Commission Warehouse, Terminal Store No. 21, West 27th street, near 13th avenue, New York City. When shipments include a number of packages, the packages will be numbered serially.

Mark all packages: I. C. C. COLON W. O. *DIV. M. & BS.* *TUBBY* *995–C* *#13333*

and in addition show name of shipper and contents.

Material will be received at the Commission's warehouse daily, Sundays and holidays excepted, between the hours of 8 a. m. and 5 p. m.

Shippers are requested to prepare delivery receipts in duplicate, one copy of which will be signed and returned to the truckman and the other retained by the Commission.

Please send to the assistant purchasing agent, Isthmian Canal Commission, 24 State street, New York City, six (6) typewritten packing lists showing weight, contents, and value of each package, and six (6) typewritten invoices covering material enumerated in said packing lists.

ALL PACKING LISTS AND INVOICES MUST BE LEGIBLE.

All packing lists and invoices must bear notation to the effect that they cover material ordered under

Washington Order No. *13333*
Canal Zone Req. No. *995–C*

If shipment originates at any point other than New York City, send one copy of bill of lading or shipping receipt of transportation line, showing shipment at point of origin, to the assistant purchasing agent, Isthmian Canal Commission, 24 State street, New York City, and also one copy thereof, with copy of invoice and packing list at-

tached, to general purchasing officer, Isthmian Canal Commission, Washington, D. C.

IF, FOR ANY REASON, ALL OF THE MATERIAL COVERED BY THIS ORDER CAN NOT BE FORWARDED IN ONE SHIPMENT, THE INSTRUCTIONS GIVEN HEREIN WILL GOVERN IN EACH SHIPMENT.

If shipment will be made by party or parties other than your firm, please so advise the assistant purchasing agent, 24 State street, New York City, before shipment is made, and at the same time furnish shippers with a copy of these instructions.

When the material above ordered, marked as above indicated, has been received and inspected by the Isthmian Canal Commission, at its warehouse in New York City, and invoices and packing lists have been delivered to the assistant purchasing agent, 24 State street, New York City, he will certify on the packing lists and invoices to his receipt of the material enumerated therein, and forward same to the disbursing officer, Isthmian Canal Commission, Washington, D. C.

H. F. HODGES,
Lieut. Col., Corps of Engineers, U. S. A.,
General Purchasing Officer.

3–908

VOUCHER FOR PURCHASES AND SERVICES OTHER THAN PERSONAL.

FORM 619
Approved by the Comptroller of
the Treasury October 15, 1907.

ISTHMIAN CANAL COMMISSION.

Appropriation:_____JAG

The United States, To *Galena Signal Oil Co.*, Dr.

Address: *Franklin, Pennsylvania.*

Date of delivery or service.	Items.	Unit price.			Amount.	
		Dollars.	Cents.	Per—	Dollars.	Cents.
1908. *May 18.* ENGD	*Date of invoice; May 19, 1908.* *To 1932–8859 gallons perfection valve oil*.....	.....	*52*	*gal.*	*1005*	*10*
	Total amount claimed.....	.....	.....	.....	~~1005~~	~~10~~

(Bill and certificate to be completely filled in by payee, or before signature by payee, without alteration or erasure at any time.)

I certify that the above bill is correct and just and that payment therefor has not been received.

_____ _____

(Not to be signed in duplicate.) _____ _____

~~$1005.10~~ (Designation) _____

Any notations made in spaces provided therefor on the back of this voucher become a part of this certificate.

I certify that the above account is correct and just; that the *articles have been received by the Isthmian Canal Commission in good condition.*

(Services have been rendered as stated or articles have been received by me in good condition.)

that they were necessary for the public service; that they were procured in accordance with No. 5 of the methods of competition stated on the back hereof; and under the character of agreement lettered C on the back hereof; and that the prices stated are just, reasonable, and in accordance with agreement.

C. E. DOLE,
Chief Clerk, Purchasing Department.

Account submitted for, $*1005.10*
Differences as follows:
Approved and payment authorized, ~~$*1005.10*~~
By direction of the Chairman.

H. F. HODGES,
Lieut. Col., Corps of Engineers, U. S. A.,
General Purchasing Officer.

TREASURER U. S., WASHINGTON
Paid by Check No. —— drawn on Asst. Treas. U. S., New York,
Asst. Treas. U. S., New Orleans,
dated———190—, to the order of the payee named at top of voucher, and in the title therefor, for $———

[Reverse of sheet.]

METHODS OF PURCHASE OF SUPPLIES AND ENGAGEMENT OF SERVICES.

(See Section 3709 of the Revised Statutes.)

1. After advertising in newspapers.
2. After advertising by means of circular letters sent to ——— dealers, and by posting notices in public places.
3. Without advertising and at rates fixed by law (either Federal, State, or municipal) or by competent regulation.
4. Without advertising, and upon noncompetitive quotations, under an exigency of the service, existing prior to the order, which would not admit of delay incident to advertising.
5. Without advertising and upon noncompetitive quotations, it being impracticable to secure competition because

* *Galena Perfection Oils are certified by the officials on the Isthmus as the only oils that will meet the requirements of the service, and manufactured only by the Galena Signal Oil Co.*

CHARACTER OF AGREEMENT.

A. Under formal contract dated———190 .
B. By proposal filed———and acceptance filed———
C. By oral or other informal agreement.
Quotation and No. 13333 herewith

* Among the reasons which may be assigned as making competition impracticable are the following:

(a) Under a formal contract for construction there arises a necessity for additional work practicable of performance only by the contractor.
(b) The articles wanted are patented or copyrighted and not on sale by dealers but by the owners of the patent or copyright or their agents or assigns alone at a fixed and uniform price.
(c) There is only one dealer within a practicable distance from whom the articles can be obtained.
(d) Previous advertising for the identical purchase has been followed by the receipt of no proposals or only of such as were unreasonable, and under circumstances indicating that further advertising would not alter results.

Voucher No. ———

ISTHMIAN CANAL COMMISSION

Month of _____ 190__.

$_____

In favor of

APPROPRIATION:

ACCOUNTS OF

JAMES G. JESTER,
Disbursing Officer,
Washington, D. C.

3–948

DEFENDANTS' EXHIBIT 61.

ATCHISON, TOPEKA & SANTA FE RAILROAD COMPANY.

Memorandum of agreement entered into by and between Speare, Gregory & Co., of Boston, Mass., party of the first part, and the Atchison, Topeka & Santa Fe Railroad Company, for itself and leased lines, party of the second part, witnesseth:

In consideration of the party of the second part buying all its lubricating oil from the party of the first part during the life of this agreement, the said party of the first part agree and bind themselves to furnish the party of the second part with engine and car oils manufactured by the Galena Oil Works (Limited) of Franklin, Pennsylvania, at the following prices, delivered in tank cars at Kansas City, Mo.:

Galena Engine Oil twenty-nine (29) cents per gallon;
Galena Car Oil twenty-one (21) cents per gallon.

Shipments to be made only upon the written order of the purchasing agent of the party of the second part.

All oils to be twenty-eight (28) or twenty-nine (29) deg. gravity and not below two hundred and fifty (250) deg. fire test. Cold test of winter oil to run from zero to ten (10) deg. below zero.

The party of the first part guarantee to the party of the second part a saving of ten (10) per cent in the cost of lubricating its equipment of locomotives and cars during the year ending May 1st, 1885; this guarantee to be based upon the cost of the reduced oils that have been used by the party of the second part during the twelve months ending May 1st, 1884.

The party of the first part agree and bind themselves to supervise the use of the Galena oils hereby contracted for, for which purpose the party of the second part agree to furnish transportation over the road for the necessary men and to furnish such letters to employes as may be needed to give effect to suggestions they may make with regard to the best and most economical method of oiling engines and cars. It is agreed and mutually understood that this supervision shall not be withdrawn nor discontinued without the consent of the party of the second part.

Such reports shall be rendered by the party of the second part unto the party of the first part as may be necessary to show the quantity of oil being consumed monthly.

It is distinctly understood and agreed between the parties hereto that if any lower prices than those named herein are made on Galena oils to any railroad company or other oil consumer in the United States by any party or parties whomsoever, then and in that event the party of the second part shall have the benefit of such reduced prices, and the party of the first part binds itself to notify the said second party on the day such lower prices are made.

If the party of the second part desire at any time during the life of this agreement to use the Galena Coach Oil on their passenger equipment they are to have the privilege of buying the same at thirty-four (34) cents per gallon in tank cars or thirty-six (36) cents per gallon in barrels f. o. b. cars Kansas City, Mo.

This agreement to take effect May 1st, 1884, and to run for one year, the party of the second part reserving the right to renew the

contract for one year from May 1st, 1885, on precisely the same terms and conditions as those contained herein.

Done at Topeka, Kansas, this sixteenth day of April, 1884.

William D. Stockbridge
Notary Public
Massachusetts

For Speare, Gregory & Co.

For the A. T. & S. F. R. R. Co.

Written on back of contract:

"Atchison Tope. Sant. Fe Ry. Co. Apr. 11/84."

"Speare, Gregory Co. Contract with

A. T. & S. F.

Term *one year*

From *May 1, 1884,*

To *May 1, 1885.*

Mail inventory and monthly reports to Auditing Department Galena Oil Company, Franklin, Penna."

DEFENDANTS' EXHIBIT 62.—SHEET NO. 1.

Statement covering a synopsis of contracts made by Galena Signal Oil Company with railroads.

[Many of the railroads in this statement had been using Galena Signal Oil Company's oils for a number of years prior to the term shown herein, and were taken on guarantees 10 to 20 per cent discount of previous costs when other oils were used which were much higher than initial figures herein shown, and when locomotive and car equipment was much lighter in weight and capacity. This is especially true with such roads where percentage of discount is not shown, as the guaranteed rates were established in the original contract and reduced from time to time to the first figures shown in this statement. One cent decrease in freight-car guaranty is equivalent to 11 to 15 cents increase in locomotive guaranty; one cent change in passenger-car guaranty is equivalent to 1½ cents in locomotive service; one mill on tonnage basis is equivalent to 1½ cents on mileage basis.]

ATLANTIC COAST LINE.

Mos.	From—	Guaranteed rates per 1,000 miles.			History of contracts.
		Locos.	Pass. C.	Frt. C.	
12	11/1/95	$2.25	$.225	$.125	These guarantees 90% previous cost.
20	11/1/96	2.20	.21	.115	
24	7/1/98	1.85	.18	.10	
24	7/1/00	1.75	.18	.10	During this contract the A. C. L. acquired the Plant System of Rys., where we had guarantees of $2.10, $.18, and $.11, respectively, which had been reduced from $2.25, $.20, and $.14, respectively, based on 90% previous cost.
18	7/1/02	1.82	.18	.10	
24	1/1/04	1.80	.16	.085	
36	1/1/06	1.75	.16	.085	This contract showed reduction to R. R. Co. of $19,087.04 per year as compared with first contract, not including reduction in Plant System figures.

ATCHISON, TOPEKA & SANTA FE.

Earliest record of contract from 5/1/84 based on 10% reduction of previous cost. No record of what the guaranteed figures were nor of operations. Next contract of which we can find record is for valve and signal oils from 1/1/88 to 1/1/89 without guarantees. No record of contract in existence from that time until July, 1890, when we have record of use of Galena oils on all services up to 5/30/94, apparently without guaranty.]

37	6/1/94	1.335	.121	.092	These guarantees 90% previous 12 months cost. Contract originally for 3 years, but was annulled as of 6/30/97.
36	7/1/97	1.20	.121	.092	A., T. & S. F. proper.
		1.29	.134	.10	G., C. & S. F. div.
		1.32	.138	.105	Santa Fe Pac.
		1.4225	.157	.119	So. Calif.
					The Santa Fe absorbed Southern California and Atlantic & Pacific railways, with which we had contract on guaranteed basis, So. Calif. locos., $2.41; pass. cars, $.4031; frt. cars, $.4031; and Atlantic & Pacific, $2.27, $.17, and $.17, respectively. These lines acquired by Santa Fe and came in under contract beginning 7/1/98. This contract originally for 5 years, but annulled as of 6/30/00.
60	7/1/00	1.825	.12	.07	All lines. Last 2 years of this contract, loco. guaranty for 2 divisions raised by mutual consent to $2.10 account small engines transferred to other divisions and larger engines substituted.
60	7/1/05	*2.72	.12	.07	A., T. & S. F. proper. *Maximum guarantees, sliding scale downwards.
		*3.30	.12	.07	Coast Lines. * " " " " "
		*1.90	.12	.07	G., C. & S. F. * " " " " "
					These guarantees based on discount of cost for 12 months' period ended 6/30/05, $2.81, $3.37, and $1.935, respectively, and are to be reduced in proportion as the cost is reduced below these figures. The reduction in car guaranty resulted in further saving of $12,661.00 per year to R. R. Co. The increase in loco. guarantees were due to R. R. assuming control of several other roads and substituting very much larger engines for old-type small engines.

			ANN ARBOR.		
24	4/1/98	1.25	.0406	.0406	Guaranty on locomotives flat figure without regard to previous cost. Guaranty on cars 90% previous cost.
24	4/1/00	1.25	.0406	.0406	
Indef.	4/1/02	1.25	.0406	.0406	
			ALABAMA & VICKSBURG.		
12	7/1/97	1.25	.18	.085	This line included under contract with C., N. O. & T. P. from 10/1/91 to 7/1/97 under same guarantees.
24	7/1/98	1.25	.17	.07	
24	7/1/00	1.25	.17	.07	
24	7/1/02	1.50	.15	.07	
24	7/1/04	1.50	.15	.07	
			BOSTON & MAINE.		
24	9/1/97	1.90315	.....	.....	This guaranty 100% previous cost, covering locos., pass. and frt. cars. Guaranty on loco. mileage account, R. R. Co. not keeping record of pass. and frt. car mileage.
12	9/1/99	1.95	.....	.....	
12	9/1/00	1.2355	.18	.0646	This guaranty equivalent to previous one.
12	9/1/01	1.50	.18	.0646	Increase in locomotive guaranty account larger engines.
12	9/1/02	1.60	.18	.0646	Increase in locomotive guaranty allowed to compensate for increase in size of engines installed during this contract.
12	9/1/03	1.60	.18	.0646	
12	9/1/04	1.60	.18	.0646	This contract extended indefinitely.
			BUFFALO, ROCHESTER & PITTSBURG.		
24	7/1/98	1.4635	.0314	.0314	These 100% previous cost.
24	7/1/00	1.4635	.0314	.0314	" " " " Extension of previous contract.
36	7/1/02	2.00	.15	.06	Increase in guarantees allowed account change in management, increase in size of engines and cars, and extension of road to Pittsburg and other places.
60	7/1/05	2.00	.15	.06	
			BALTIMORE & OHIO.		
18	7/1/94	2.50	.40	.115	This contract taken on flat figure much below actual previous cost.
36	1/1/96	2.20	.30	.095	This contract annulled at end of 11 months account receivers.
36	12/1/96	2.10	.25	.09	This contract with receiver. If actual cost is reduced to guaranty, guaranty to be reduced, locos. 2½c., pass. cars, 1c.; frt. cars, ½c. per 1,000 miles.
60	7/1/99	2.00	.25	.08	During this period this road consolidated with C. L. & W., P. & W., O. & L. K., C. T. & V., with which we had separate contracts at higher guarantees.
36	7/1/04	1.75	.10	.07	These figures resulted in saving to R. R. of $85,936.68 per year as compared with first contract above, not considering reduction in guarantees for consolidated lines. Contract contains 2 years extension clause.

DEFENDANTS' EXHIBIT 62—SHEET NO. 1—Continued.

Statement covering a synopsis of contracts made by Galena Signal Oil Company with railroads—Continued.

BALTIMORE & OHIO SOUTHWESTERN.

Mos.	From—	Guaranteed rates per 1,000 miles.			History of contracts.
		Locos.	Pass. C.	Frt. C.	
60	7/1/99	2.00	.25	.08	
60	7/1/04	1.75	.10	.07	These figures made same as B. & O. and resulted in saving to R. R. of $5,459.82 per year as compared with previous contract.

BANGOR & AROOSTOOK.

12	1/1/97	3.654	.....	.....	This guaranty on locomotive mileage account R. R. not keeping record of car mileage. Covers locomotive and car lubrication and was based on 100% previous cost.
12	1/1/98	3.10	.....	.....	
36	1/1/99	1.90	.11	.11	These guarantees equal to 16.3% below next previous figures. R. R. now keeping car mileage.
36	1/1/02	2.20	.12	.12	Guarantees increased account increased size of equipment, but same does not equal previous figure of $3.10.
36	1/1/05	2.38	.10	.10	Guaranty on locomotives increased equivalent to decrease on cars.

CINCINNATI, HAMILTON & DAYTON.

36	10/1/95	1.5248	.182	.1239	These guarantees 100% previous cost. If actual cost is reduced to within $200.00 guarantees to be reduced 2½%.
36	10/1/99	1.5248	.182	.1239	
39	10/1/02	1.85	.17	.09	Reduction in pass. and frt. car guaranty offset by increase in locomotive guaranty.
60	1/1/06	2.50	.17	.076	This contract with receivers.

DEFENDANT'S EXHIBIT 62—SHEET NO. 2.

Statement covering a synopsis of contracts made by Galena Signal Oil Company with railroads—Continued.

[Many of the railroads in this statement had been using Galena-Signal Oil Company's oils for a number of years prior to the term shown herein, and were taken on guarantees 10 to 20% discount of previous costs when other oils were used which were much higher than initial figures herein shown and when locomotive and car equipment was much lighter in weight and capacity. This is especially true with such roads where percentage of discount is not shown, as the guaranteed rates were established in the original contract and reduced from time to time to the figures shown in this statement. One cent decrease in freight-car guaranty is equivalent to 11 to 15 cents increase in locomotive guaranty; one cent change in passenger-car guaranty is equivalent to 1½ cents in locomotive service; one mill on tonnage basis is equivalent to 1½ cents on mileage basis.]

CHARLESTON & WESTERN CAROLINA.

Mos.	From—	Guaranteed rates per 1,000 miles.			History of contracts.
		Locos.	Pass. C.	Frt. C.	
21	4/1/02	$.7558	$.1048	$.0473	These guarantees 100% previous cost.
24	1/1/04	1.00	.105	.045	Guarantees in loco. and frt. car services increased account larger locomotives and cars.
36	1/1/06	1.25	.105	.05	Same as above. This line owned and operated by Atlantic Coast Line.

CHICAGO & EASTERN ILLINOIS.

48	1/1/93	.....	.....	.....	No guaranty.
24	1/1/97	1.833	.2304	.1762	Locomotive guaranty 100% previous cost, pass. cars, 90%, and frt. cars, 95%.
36	1/1/99	1.80	.23	.17	
36	1/1/02	2.40	.23	.17	Increase in locomotive guaranty allowed account increased size of locomotives.
36	1/1/05	2.40	.23	.17	During this contract actual cost reduced $7,798.36 per year below guaranteed cost.

CENTRAL OF GEORGIA.

12	1/1/02	.88	.1139	.0926	
12	1/1/03	.88	.1139	.0926	
12	1/1/04	.88	.1139	.0926	
60	5/1/06	1.25	.10	.04	Decrease in freight car-guaranty more than offset by increase in locomotive guaranty.

CHESAPEAKE & OHIO.

36	1/1/95	1.50	.15	.07	
60	1/1/98	1.40	.21	.0573	These guarantees resulted in reduction to R. R. of $3,064.52 per year as compared with previous guarantees.
36	1/1/03	2.00	.21	.06	Increase in locomotive guaranty allowed account substitution of larger engines for small ones.
36	1/1/06	2.00	.15	.07	Increase in freight-car guaranty partly offset by decrease in passenger-car guaranty.

DEFENDANTS' EXHIBIT 62—SHEET NO. 2—Continued.

Statement covering a synopsis of contracts made by Galena Signal Oil Company with railroads—Continued.

CINCINNATI, NEW ORLEANS & TEXAS PACIFIC.

Mos.	From—	Guaranteed rates per 1,000 miles.			History of contracts.
		Locos.	Pass. C.	Frt. C.	
12	9/1/90	2.3275	.360525	.1026	These guarantees 95%'previous cost.
46	10/1/92	2.21	.3475	.0974	This contract with receivers.
24	7/1/95	1.70	.28	.0974	" " " "
36	7/1/97	1.50	.28	.0876	" " " " Guarantees for last 2 years of this contract based on operations for first year of contract were reduced to $1.33 for locos., $.24 for pass. cars, and $.0823 for frt. cars.
36	7/1/00	1.33	.24	.0823	
36	7/1/03	1.75	.16	.0823	Guarantees for last 2 years of this contract based on operations for 1st year.
		1.73	.1965	.068	
		1.73	.1965	.068	
60	7/1/06	1.72	.20	.08	Total of these guarantees about equal to guarantees for 1897 taking mileage into consideration. See A. G. S., A. & V., and N. O. & N. E.

CHICAGO, MILWAUKEE & ST. PAUL.

[Began using our oils about 30 years ago. First record to be found of guaranteed contract is for use of engine lubricants exclusive of valve oil at guaranteed cost of $.795 per 1,000 miles. Guaranty on passenger and freight cars $.2212 per 1,000, less 10%, making guaranteed cost $.205. This for year ended 8/31/86. No further record can be found until 1/1/91.]

49	1/1/91	1.582	.....	.....	This guaranty 90% cost for previous year.
36	2/1/95	1.498	.2439	.1066	These car guarantees 90% cost for previous year.
60	2/1/98	1.40	.15	.085	These guarantees resulted in reduction of cost to R. R. $17,826.19 per year as compared with next previous contract.
60	2/1/03	1.70	.15	.06	These guarantees resulted in reduction of cost to R. R. $17,807.67 per year as compared with first contract, locomotive guaranty increased account larger engines. Same more than offset by decrease in pass. & frt. guarantees.

CHICAGO & ALTON.

[Earliest record to be found shows this line using Galena oils from 1/1/90 to 4/1/00 without guaranty.]

12	4/1/00	1.80	.1667	.10	90 % of cost for previous year.
12	4/1/01	2.50	.1667	.10	Locomotive guaranty increased account increased size of locomotives.
12	4/1/02	2.50	.1667	.10	
24	4/1/03	2.50	.1667	.10	
24	4/1/05	*2.50	*.1667	*.10	*Sliding scale downward whereby guarantees for 2nd year of contract were, locos., $2.50; pass. c., $.1212, and frt. cars, $.07. This contract to continue until 6 months' notice is given by either party.

CENTRAL RAILROAD OF NEW JERSEY.

36	3/1/97	1.184764	.5626185	.0434435	These guarantees 95 % cost previous 12 months.
60	3/1/00	1.60	.35	.06	Increase allowed account increased size of locomotives and freight cars, partially offset by decrease in passenger-car guaranty.
60	3/1/05	2.25	.25	.06	Increase in locomotive guaranty account accumulation of large engines, partially offset by further decrease in passenger-car guaranty.

CENTRAL VERMONT.

60	7/1/96	3.00	.....	.....	All services, including lubrication of pass. and frt. cars, 100% previous cost. This contract annulled account road going into control of Grand Trunk Ry. and following contract made on basis existing contract with Grand Trunk.
36	1/1/00	1.35	.09	.09	These guarantees resulted in reduction to R. R. of $2,041.25 per year compared to previous contract.
3	1/1/03	1.35	.09	.09	
36	4/1/03	1.50	.07	.07	These guarantees resulted in further reduction to R. R. of $275.07 per year compared with previous guarantees. Increase in locomotives guaranty more than offset by decrease in passenger and freight guarantees.
36	4/1/06	1.50	.07	.07	

CHICAGO GREAT WESTERN.

24	7/1/96	1.57	.24	.12	100% previous 12 months cost.
36	1/1/99	1.57	.24	.12	
36	7/1/03	2.37	.12	.06	These guarantees taken together are equivalent to previous figures.
36	7/1/06	†2.75	.12	.05	†Sliding scale. Increase in locomotive guaranty account large engines and partially offset by decrease in freight-car guaranty.

CLEVELAND, CINCINNATI, CHICAGO & ST. LOUIS.

12	7/1/90	1.5804	.28512	.09027	90% previous 12 months cost.
24	7/1/91	1.4926	.26928	.08525	85% of cost prior to first contract.
60	1/1/98	1.18	.20	.055	
60	1/1/03	1.35	.20	.055	Increase in locomotive guaranty allowed account increased size of locomotives.

CHICAGO, ST. PAUL, MINNEAPOLIS & OMAHA.

[First contract with this road from 6/1/84 to 6/1/85 at 90% of cost for previous 12 months. Then no record of contract until 2 years from 1/1/94 at guaranty of $.22 per 1,000 miles for pass. cars. The road, however, was using Galena oils in all services between these dates apparently without guaranty.]

36	1/1/96	1.505	.20	.125	90% cost for previous 12 months.
60	1/1/99	1.505	.20	.125	
24	1/1/04	1.86	.16	.1135	Increase in loco. guaranty account larger engines, partially offset by decrease in pass. and frt. car guarantees.
36	1/1/06	1.80	.16	.09	Guarantees sliding scale downward. Bonus allowed for reducing cost below guaranty.

DEFENDANTS' EXHIBIT 62—SHEET NO. 3.

Statement covering a synopsis of contracts made by Galena-Signal Oil Company with railroads—Continued.

[Many of the railroads in this statement had been using Galena-Signal Oil Company's oils for a number of years prior to the term shown herein and were taken on guarantees 10 to 20% discount of previous costs when other oils were used and which were much higher than initial figures herein shown, and when locomotive and car equipment was much lighter in weight and capacity. This is especially true with such roads where percentage of discount is not shown as the guaranteed rates were established in the original contract and reduced from time to time to the first figures shown in this statement. One cent decrease in freight-car guaranty is equivalent to 11 to 15 cents increase in locomotive guaranty; one cent change in passenger-car guaranty is equivalent to 1½ cents in locomotive service; one mill on tonnage basis is equivalent to 1½ cents on mileage basis.]

CHICAGO, BURLINGTON & QUINCY.

[Earliest record shows contract with this line made for lubrication of passenger and freight cars beginning 1/1/90 on basis 100% of cost for 1889, making guaranteed rates for both services $.1816 per 1,000 miles. This continued until 1/1/91, then renewed for 3 years at 95%, or $.17252 per 1,000, then renewed for 1 year at 90%, or $.16344 per 1,000, when the road acquired control of other lines, viz, B. & M. of Neb., with which we had contract at locos., $2.25; pass. c., $.42677; and frt. c., $.25573, beginning 1/1/90. At the same time they acquired the H. & St. J., K. C., St. J. & C. B., St. L., K. & N. W., C. B. & K. C., and C. B. & N. Contract then made for years 1894 and 1895 for lubrication of pass. and frt. cars on following basis:]

Mos.	From—	Guaranteed rates per thousand miles.			History of contracts.
		Locos.	Pass. c.	Frt. c.	
		$2.00	$.3841	$.2211	B. & M. Div.
			.1764	.0954	H. & St. J. div.
			.2925	.2034	K. C., St. J., & C. B.
			.2520	.1362	St. L., K. & N. W.
			.1898	.0954	C. B. & K. C.
			.5620	.1737	C. B. & N.
			.3528	.1018	C., B. & Q. proper.
					These pass. & frt. car guarantees represented 90% of cost for 1889. Commencing 1/1/96 a new contract was made for 3 years on basis of actual cost with Galena oils on locos. for B. & M. Div. and on passenger and freight cars for balance of system, all excepting B. & M. using up to this time other low-priced oils on locomotives. The guarantees under this contract for the system averaging as follows:
36	1/1/96	1.1255	.1236	.1236	
36	1/1/99	1.1255	.10	.10	
60	1/1/02	1.55	.10	.06	These guarantees taken together less than next previous figures.

CHICAGO, ROCK ISLAND & PACIFIC.

[First guaranteed contract taken with this line in 1880. No record kept. First record of contract one year from 1/1/89. Next contracts one year from 1/1/91 and 1/1/92 without guaranty. No record of contract for 1894, 1895, and 1896.]

24	1/1/97	.....	.....	.....	No guaranty.
60	1/1/99	1.33	.17	.085	These guarantees not to exceed cost for previous year. Up to this time we were able to meet these guarantees, but during year 1904 this line used our oils without contract, the line having been consolidated with Choctaw, Oklahoma & Gulf R. R. and several other roads and changed management and new and larger equipment being put into service, thus causing cost to increase very materially, especially in locomotive service. Contract was then made based upon 90% of operations for year 1904.
60	1/1/05	*2.50	*.12	*.065	*Sliding scale downwards. Increase in locomotive guaranty offset to a large extent by decrease in car guaranty. Difference allowed account increase in size of locomotives and consolidation with other lines having much higher cost.

CHICAGO & NORTHWESTERN.

[First guaranteed contract made with this line in 1875. No record kept. First guaranteed contract of which we have record is for passenger cars from 1/1/91 at $.22 per 1,000 miles.]

36	1/1/96	†1.50	.20	†.085	†Locomotive and freight-car guaranty 90% previous cost.
60	1/1/99	1.50	.20	.085	
Indef.	7/1/04	1.70	.20	.08	Increase in loco. guaranty allowed account large engines, partially offset by decrease in frt. car guaranty. Sliding scale downwards, and bonus offered for falling below guaranty, which has been accomplished.

CHICAGO, LAKE SHORE & EASTERN.

12	7/1/97	1.64	.272	.272	95% of previous cost.
12	7/1/98	1.64	.272	.272	
12	7/1/99	1.64	.272	.272	
36	7/1/00	1.64	.272	.272	See Elgin, Joliet & Eastern.

CHICAGO, CINCINNATI & LOUISVILLE.

12	2/1/05	2.25	.13	.09	This road under construction and taken on flat guaranty. Consolidated with C., H. & D. and Pere Marquette 10/1/05 and operated under that system to 4/1/06.
60	4/1/06	2.30	.20	.09	

CHICAGO JUNCTION.

12	7/1/04	.....	.....	.....	No guaranty.
12	7/1/05	.....	.....	.....	" "

CHICAGO, PEORIA & ST. LOUIS.

36	6/1/96	1.25	.18	.15	These guarantees 100% previous cost.
12	6/1/99	1.25	.18	.15	
36	8/1/00	1.60	.18	.15	Increase in loco. guaranty account larger engines.
36	8/1/03	1.96	.11	.11	Increase in loco. guaranty more than offset by decrease in car guaranty.

CLEVELAND, AKRON & COLUMBUS.

17	8/1/94	2.935	.0902	.0902	These guarantees 95% previous cost.
36	1/1/96	.....	.....	.....	No guaranty.
36	1/1/99	.....	.....	.....	" "
12	1/1/02	2.00	.12	.10	
24	1/1/03	2.00	.12	.10	
Indef.	1/1/05	1.90	.12	.10	

DEFENDANTS' EXHIBIT 62—SHEET NO. 3—Continued.

Statement covering a synopsis of contracts made by Galena Signal Oil Company with railroads—Continued.

DELAWARE, LACKAWANNA & WESTERN.

Mos.	From—	Guaranteed rates per thousand miles.			History of contracts.
		Locos.	Pass. c.	Frt. c.	
12	4/24/99	2.35	.25	.10	These guarantees 90% cost previous 12 months.
60	11/1/99	2.35	.25	.10	
60	11/1/04	2.30	.20	.085	Sliding scale downwards. These guarantees about $6,000.00 per year below previous figures, and by the sliding scale are reduced to locos., $2.20; pass. cars, $.15; freight cars, $.07.

DETROIT SOUTHERN OR DETROIT, TOLEDO & IRONTON.

[This road originally the Ohio Southern and Detroit, Lima & Northern, with which contracts were made beginning 5/1/94 at 95% previous cost, guarantees being locos., $1.7347; pass. cars, $.2242, and frt. cars, $.2242.]

36	6/17/01	1.72	.134	.095	
60	6/19/04	1.72	.134	.095	Name changed to Detroit, Toledo & Ironton.
60	12/1/05	2.15	.134	.095	Increase in loco. guaranty allowed account increase in size of locomotives and consolidation of Detroit, Lima & Northern, Detroit Southern, and Detroit, Toledo & Ironton, Lima Northern, and Ohio Southern railways.

DELAWARE & HUDSON COMPANY.

12	1/1/96	4.1365	.2374	.0883	Alb. & Sus. Div.
		3.44	.5915	.2244	Sara. & L. C. Div. These guarantees 100% cost previous 12 months.
36	1/1/97	4.1365	.2374	.0883	Alb. & Sus. Div.
		3.44	.5915	.2244	Sara. & L. C. Div.
36	1/1/00	4.1365	.2374	.0883	Alb. & Sus. Div.
		3.44	.5915	.2244	Sara. & L. C. Div.
		2.9159	.2011	.0663	Penn'a Div. from 11/1/00.
60	1/1/03	3.00	.40	.11	All divisions. These resulted in a reduction to R. R. of $6,300.00 per year as compared with next previous figures.

DEFENDANTS' EXHIBIT 62—SHEET NO. 4.

Statement covering a synopsis of contracts made by Galena Signal Oil Company with railroads—Continued.

[Many of the railroads in this statement had been using Galena-Signal Oil Company's oils for a number of years prior to the term shown herein, and were taken on guarantees 10 to 20% discount of previous costs when other oils were used which were much higher than initial figures herein shown, and when locomotive and car equipment was much lighter in weight and capacity. This is especially true with such roads where percentage of discount is not shown, as the guaranteed rates were established in the original contract and reduced from time to time to the first figures shown in this statement. One cent decrease in freight-car guaranty is equivalent to 11 to 15 cents increase in locomotive guaranty; one cent change in passenger-car guaranty is equivalent to 1½ cents in locomotive service; one mill on tonnage basis is equivalent to 1½ cents on mileage basis.]

DULUTH, MISSABE & NORTHERN.

Mos.	From—	Guaranteed rates per thousand miles.			History of contracts.
		Locos.	Pass. c.	Frt. cars.	
12	2/1/02	$2.95	$.12	$.12	Flat figures same as Duluth & Iron Range.
24	4/1/04	2.70	.12	.12	
36	4/1/06	2.70	.12	.12	

DULUTH & IRON RANGE.

24	1/1/97	.....	.....	.....	No guaranty.
24	1/1/99	.....	.....	.....	" "
24	1/1/01	.....	.....	.....	" "
15	1/1/03	.....	.....	.....	No contract.
24	4/1/04	2.95	.12	.12	Flat figures.
36	4/1/06	2.85	.12	.12	

GEORGIA SOUTHERN & FLORIDA.

36	7/1/97	2.322	.1826	.122634	90% previous cost.
24	7/1/00	1.75	.09	.09	
24	7/1/01	1.75	.09	.09	
36	7/1/03	1.95	.13	.10	These guarantees increased account consolidation of Atlantic, Valdosta & Western Ry.
36	7/1/06	1.95	.13	.10	

GEORGIA RAILROAD.

16	3/1/06	1.20	.065	.065	Flat figures.
12	6/1/07	1.10	.06	.06	

DEFENDANTS' EXHIBIT 62—SHEET NO. 4—Continued.

Statement covering a synopsis of contracts made by Galena Signal Oil Company with railroads—Continued.

ERIE.

[Contract made with predecessors of Erie R. R. 5/1/91, guarantees locos., $3.00; pass. cars, $.25, and frt. cars, $.10. These lines had used Galena oils previously, but no record of contract can be found previous to this date.]

Mos.	From—	Guaranteed rates per thousand miles.			History of contracts.
		Locos.	Pass. c.	Frt. c.	
24	5/1/93	3.00	.25	.10	Covers N. Y., L. E. & W., N. Y. P. & O., and C. & E. Railways. This contract extended to 1/1/97.
36	1/1/97	2.25	.20	.09	
60	1/1/00	2.25	.20	.09	
60	1/1/05	2.50	.20	.07	These guarantees equivalent to figures in previous contract, but reduction of $31,000.00 per year compared with first contract above.

ERIE & WYOMING VALLEY.

24	11/1/98	1.5372	.04554	.04554	90% of previous cost.
60	11/1/00	2.00	.07	.07	Guarantees raised account consolidation with Erie R. R. and heavier locomotives and cars. Contract cancelled and covered in Erie contract with Erie R. R. for 5 years from 1/1/05.

ELGIN, JOLIET & EASTERN.

24	7/1/98	2.64	.0787	.0787	100% previous cost.
36	7/1/00	2,64	.0787	.0787	
36	7/1/03	2.42	.12	.0787	Increase in pass. car guaranty more than offset by decrease in locomotive guaranty. This line part of C., L. S. & E.

GREAT NORTHERN.

[This line's earliest contract of which we have record was with St. Paul, Minneapolis & Manitoba Ry. for freight-car service with guaranty of $.25 per 1,000 miles, 1 year from 6/1/83. 2nd contract with same line for 1 year from 6/1/84, same guaranty on freight cars and guaranty of 90% of previous cost for locomotives. No records from this time until 7/1/87, when contract was made for perfection valve oil on gallonage basis. No further records until 1890. During this year and up to 6/30/01 our records show they used Galena oils without guaranty. This line then became part of Great Northern system, and records show as follows:]

Indef.	10/1/92	2.20	.18	.18	
14	4/1/95	1.80	.25	.11	
12	6/1/96	1.65	.20	.09	
25	6/1/97	1.65	.20	.085	
36	7/1/99	1.60	.20	.085	
36	7/1/02	2.35	.20	.085	Loco. guaranty increased account increased size of engines.
60	7/1/05	2.15	.13	.08	Contract provides for sliding scale downwards.

			GULF & SHIP ISLAND.		
12	6/1/01	2.577	.257	.0863	90% previous 12 months' cost.
60	6/1/02	2.55	.255	.0835	99% previous guaranty.
			HOCKING VALLEY.		
12	1/1/96	1.65	.07968	.07968	100% previous cost.
12	1/1/97	1.65	.07968	.07968	
12	1/1/98	1.65	.07968	.07968	
12	3/1/99	1.65	.07968	.07968	
12	3/ /00	1.65	.07968	.07968	
24	4/1/01	1.75	.10	.10	These guarantees increased account consolidation of other roads.
24	4/1/03	1.75	.10	.10	
60	4/1/05	2.15	.10	.10	Guaranty on locomotives increased account increase in size of engines.
			ILLINOIS CENTRAL.		
72	8/1/91	1.8067	.3546	.1036	100% previous cost.
36	8/1/97	1.8067	.25	.1036	
60	8/ /00	1.6722	.25	.1036	
60	8/1/05	2.20	.15	.09	Increase in locomotive guaranty allowed account increase in size of locomotives, partly offset by reduction in passenger and freight car guaranty.
			IOWA CENTRAL.		
12	11/1/94	1.92	.0516	.0516	100% cost for previous 12 months.
12	11/1/95	1.94	.075	.075	
14	11/1/96	1.90	.075	.075	
36	1/1/98	1.90	.075	.075	
36	1/1/01	2.20	.10	.10	Increase in guarantees allowed account larger engines and cars put into service.
36	1/1/04	2.20	.10	.10	
			KANSAS CITY SOUTHERN.		
36	6/1/96	2.00	.15	.15	This contract taken not to exceed 90% previous cost, with guarantees reduced each year as shown.
	6/1/97	1.95	.14	.14	This contract covers Kansas City, Pittsburg & Gulf. Kansas City Suburban Air Line, and Kansas City Suburban Belt.
	6/1/98	1.90	.13	.13	
24	6/1/99	1.90	.11	.11	
18	7/1/01	1.90	.11	.11	
24	1/1/03	2.25	.08	.08	Increase in locomotive guaranty offset by decrease in passenger and freight guarantees.
24	1/1/05	1.75	.13	.08	

DEFENDANTS' EXHIBIT 62—SHEET NO. 5.

Statement covering a synopsis of contracts made by Galena Signal Oil Company with railroads—Continued.

[Many of the railroads in this statement had been using Galena Signal Oil Company's oils for a number of years prior to the term shown herein, and were taken on guarantees 10 to 20% discount of previous costs when other oils were used and which were much higher than initial figures herein shown; and when locomotive and car equipment were much lighter in weight and capacity. This is especially true with such roads where percentage of discount is not shown, as the guaranteed rates were established in the original contract and reduced from time to time to the first figures shown in this statement. One cent decrease in freight car guaranty is equivalent to 11 to 15 cents increase in locomotive guaranty; one cent change in passenger car guaranty is equivalent to 1½ cents in locomotive service; one mill on tonnage basis is equivalent to 1½ cents on mileage basis.]

LEHIGH VALLEY.

Mos.	From—	Guaranteed rates per thousand miles.			History of contracts.
		Locos.	Pas. cars.	Frt. cars.	
36	5/1/97	$1.3986	$.24786	*$.00644	These figures 90% previous cost. * Freight cars tonnage basis.
60	5/1/00	1.50	.25	.075	Guaranty for freight cars changed to mileage basis and reduced sufficiently to more than offset increase in locomotive guaranty. This contract abrogated 5/1/04.
60	5/1/04	2.25	.30	.075	These guarantees restored to cost prior to first contract account change in size of locos. and frt. cars and 12 wheel passenger cars put in place of 8 wheel cars; also change in keeping record of mileage.

LAKE SHORE & MICHIGAN SOUTHERN.

First record of guaranteed contract from 2/1/92 on pass. and frt. cars only, pass. cars, $.218; frt. cars, $.089, being 100% previous cost. No guaranty on locos., and it does not appear that this line used Galena oils on locos. until 2/1/95. No guarantees from 2/1/95 to 1/1/99.]

12	1/1/99	1.25	.30	.075	Guarantees increased account increased size of rolling equipment.
12	7/1/00	1.50	.36	.09	Last year of this contract pass. car guaranty reduced to $.20.
60	7/1/01	2.00	.24	.08	Increase in loco. guaranty allowed account accumulation large engines; same partially offset by decrease in passenger and freight car guarantees.
Indef.	7/1/06	2.50	.17	.07	

LAKE ERIE & WESTERN.

36	1/1/96	.....	.....	.....	No guaranty. Covers C., A. & C. from 1/1/97
36	1/1/99	.....	.....	.....	" " Also covers C., A. & C.
24	1/1/02	1.75	.24	.08	
36	1/1/04	2.00	.24	.08	
Indef.	1/1/07	*2.50	.17	.07	Increase in guaranty account consolidation of L. S. & M. S. and increase in size locos. and cars. * Sliding scale downwards.

			LOUISVILLE & NASHVILLE.		
36	1/1/97	1.69533	.329985	.09477	These guarantees 90% previous cost.
38	1/1/00	1.69533	.16	.09	
60	3/1/05	1.69533	.16	.09	Decrease in pass. and frt. guarantees resulted in further saving to R. R. of $8,300.00 per year compared with first contract.
			LONG ISLAND.		
23	8/1/95	1.9113	.0783	.0783	These guarantees 90% previous cost.
72	7/1/97	1.80	.0782	.0782	
36	7/1/03	2.00	.0882	.0882	Increase in guarantees allowed account introduction of electrical power and cars.
36	7/1/06	1.75	.0882	.0882	
			LOUISVILLE, HENDERSON & ST. LOUIS.		
12	4/1/98	1.90	.09	.07	Taken on flat figure. This road owned by L. & N. Ry.
12	4/1/99	1.90	.09	.07	
36	4/1/00	1.90	.09	.07	
36	7/1/03	1.90	.09	.07	
			MINNEAPOLIS, ST. PAUL & SAULT STE. MARIE.		
14	8/1/89	1.90	.16	.16	First record of guaranteed contract with this line.
12	11/1/90	1.90	.16	.16	
12	11/1/91	1.80	.16	.16	
12	11/1/92	1.65	.16	.16	
12	11/1/93	1.65	.16	.16	
12	11/1/94	1.65	.16	.16	
12	11/1/95	1.65	.16	.16	
14	11/1/96	1.65	.16	.16	
36	1/1/98	1.55	.14	.14	
36	1/1/01	1.80	.12	.12	
36	1/1/04	2.50	.10	.0725	Loco. guaranty increased account increase in size of locomotives. Same more than offset by decrease in pass. and frt. car guaranty, taking mileage into consideration.
36	1/1/07	2.50	.10	.0725	
			MINNEAPOLIS & ST. LOUIS.		
			[Earliest record beginning January, 1892, shows this line buying Galena oils without contract or guaranty up to 7/1/95.]		
12	7/1/96	1.505	.6089	.193	90% of cost for year 1895.
12	7/1/97	1.70	.25	.12	Increase in loco. guaranty more than offset by decrease in pass. and frt. guaranty.
12	7/1/98	1.70	.25	.12	
36	7/1/99	1.65	.20	.11	
36	7/1/02	2.50	.18	.085	Increase in loco. guaranty allowed account larger engines, partially offset by decrease in pass. and frt. car guaranty.
36	7/1/05	2.50	.18	.085	

DEFENDANTS' EXHIBIT 62—SHEET NO. 5—Continued.

Statement covering a synopsis of contracts made by Galena Signal Oil Company with railroads—Continued.

MICHIGAN CENTRAL.

Mos.	From—	Guaranteed rates per thousand miles. Locos.	Pas. cars.	Frt. cars.	History of contracts.
12	1/1/02	1.1913	.210235	.07011	These guarantees 95% previous cost.
60	1/1/03	1.38	.2434	.08118	These guarantees restored to 105% previous cost account increase in size of locos. and cars.

MOBILE & OHIO.

Mos.	From—	Locos.	Pas. cars.	Frt. cars.	History of contracts.
24	2/1/98	1.6787	.19573	.08109	These guarantees, locos., 100%; cars, 90% previous cost.
24	2/1/00	1.6787	.19573	.08109	
60	2/1/02	1.70	.19	.08	These figures equivalent to previous figures.
60	2/1/07	1.70	.19	.08	

MAINE CENTRAL.

Mos.	From—	Locos.	Pas. cars.	Frt. cars.	History of contracts.
24	1/1/98	*1.84	.....	.....	*Guaranty on locomotive mileage including all services.
24	1/1/00	*1.95	.....	.....	" " " " " " "
36	1/1/02	*2.25	.....	.....	" " " " " " " Increase in guaranty allowed account increase in size of locomotives and cars.

NORTHERN PACIFIC.

[First record shows this road began using Galena oils 10/1/90 without guaranty until 5/1/95.]

Mos.	From—	Locos.	Pas. cars.	Frt. cars.	History of contracts.
24	5/1/95	2.0763	.351	.125	This contract with Receivers on basis 90% of cost for 12 months ended 11/30/94.
24	5/1/97	1.647	.3076	.1056	
48	5/1/99	1.60	.20	.09	
60	5/1/03	2.75	.20	.09	These guarantees taken together are less than first contract above, and were allowed account increased size of engines.

DEFENDANTS' EXHIBIT 62—SHEET NO. 6.

Statement covering a synopsis of contracts made by Galena Signal Oil Company with railroads—Continued.

[Many of the railroads in this statement had been using Galena-Signal Oil Company's oils for a number of years prior to the term shown herein, and were taken on guarantees 10 to 20% discount of previous costs when other oils were used and which were much higher than initial figures herein shown, and when locomotive and car equipment were much lighter in weight and capacity. This is especially true with such roads where percentage of discount is not shown, as the guaranteed rates were established in the original contract and reduced from time to time to the first figures shown in this statement. One cent decrease in freight car guaranty is equivalent to 11 to 15 cents increase in locomotive guaranty; one cent change in passenger car guaranty is equivalent to 1½ cents in locomotive service; one mill on tonnage basis is equivalent to 1½ cents on mileage basis.]

NEW ORLEANS & NORTHEASTERN.

Mos.	From—	Guaranteed rates per 1,000 miles.			History of contracts.
		Locos.	Pass. C.	Frt. C.	
12	9/1/90	$2.3275	$.360525	$.1026	These guarantees 95% cost year ended 10/1/90. See C., N. O. & T. P.
12	10/1/91	2.21	.3475	0974	" " 90% " " " " " "
24	10/1/92	2.21	.3475	.0974	
12	10/1/94	2.21	.3475	.0974	This contract cancelled as of July 1, 1895.
24	7/1/95	1.60	.26	.0974	
12	7/1/97	1.25	.18	.085	
24	7/1/98	1.25	.16	.08	
24	7/1/00	1.25	.16	.08	
24	7/1/02	1.55	.14	.09	Guarantees in locomotive and freight car services increased account increased size locomotives and cars
24	7/1/04	1.55	.14	.09	
24	7/1/06	1.55	.14	.09	

NEW YORK, ONTARIO & WESTERN.

13	12/1/94	2.763	.03274	.03274	90% previous cost.
12	1/1/96	2.763	.03274	.03274	
12	1/1/.7	2.4765	.02947	.02947	
72	1/1/98	1.80	.0928	.0928	Increase in passenger and freight guarantees offset by decrease in locomotive guaranty.
Indef.	1/1/04	2.70	.075	.075	Increase in loco. guaranty account larger engines, partly offset by decrease in pass. & frt. car guaranty.

NEW YORK, CHICAGO & ST. LOUIS.

96	1/1/88	.....	.....	.....	No guaranty. Separate contracts one year each.
36	3/1/97	.....	.....	.....	" "
60	3/1/00	.....	.....	.....	" "
12	3/1/05	.....	.....	.....	" "
36	3/1/06	.....	.....	.....	" "

NEW YORK, SUSQUEHANNA & WESTERN.

60	1/1/00	2.25	.20	.09	Increase in loco. guaranty allowed account larger engines and consolidation with Erie R. R.; increase partially offset by decrease in passenger car guaranty.
60	1/1/05	2.50	.15	.09	

OREGON SHORT LINE.

12½	3/16/97	2.55	.18	.18	Sliding scale downwards.
12	1/1/98	2.55	.18	.18	
12	4/1/99	2.55	.18	.18	
60	4/1/00	2.00	.16	.16	
60	4/1/04	1.75	.13	.08	

OREGON RAILROAD & NAVIGATION COMPANY.

13	12/1/95	2.70	.18	.18	Contract during receivership.
36	1/1/97	2.50	.17	.17	Sliding scale downwards.
60	2/1/00	2.00	.16	.16	
60	4/1/04	1.75	.13	.08	

PHILADELPHIA & READING.

36	3/1/96	1.1706	.1308	*.0078	These figures 100% previous cost. * Tonnage basis.
24	3/1/99	1.20	.15	*.0075	Increase in locomotive guarantees allowed account accumulation of large engines put into service. Increase in passenger car guaranty offset by decrease in freight car guaranty.
12	3/1/01	1.50	.15	*.0075	
36	3/1/02	1.75	.15	*.0075	
64	3/1/05	2.25	.33	*.005	These guarantees in sliding scale equivalent to next previous figures. Sliding scale downwards on locomotives. Increase in passenger car guaranty allowed account 12 wheel trucks substituted for 8 wheel trucks, and increase more than offset by decrease in freight car guaranty.

PENNSYLVANIA COMPANY.

87	12/1/95	.....	.0639	.0531	These figures 90% cost for year 1894.
84	3/1/96	.746	.....	.....	This figure 100% cost for previous 6 months.
48	3/1/03	1.30	.0639	.059	
12	3/1/07	1.90	.10	.06	These figures increased account increased size locomotives and cars. Sliding scale downwards.

DEFENDANTS' EXHIBIT 62—SHEET NO. 6½.

Statement covering a synopsis of contracts made by Galena Signal Oil Company with railroads Continued.

[Many of the railroads in this statement had been using Galena-Signal Oil Company's oils for a number of years prior to the term shown herein, and were taken on guarantees 10 to 20% discount of previous costs when other oils were used and which were much higher than initial figures herein shown, and when locomotive and car equipment was much lighter in weight and capacity. This is especially true with such roads where percentage of discount is not shown, as the guaranteed rates were established in the original contract and reduced from time to time to the first figures shown in this statement. One cent decrease in freight car guaranty is equivalent to 11 to 15 cents increase in locomotive guaranty; one cent change in passenger car guaranty is equivalent to 1½ cents in locomotive service; one mill on tonnage basis is equivalent to 1½ cents on mileage basis.]

PITTSBURG, CINCINNATI, CHICAGO & ST. LOUIS.

Mos.	From—	Guaranteed rates per 1,000 miles. Locos.	Pass. c.	Frt. c.	History of contracts.
87	12/1/95	.....	$.0873	$.0531	These figures 90% cost for year 1894.
24	3/1/96	$1.06	.....	.....	This figure 100% cost previous 6 months.
60	3/1/98	.90	.....	.....	
48	3/1/03	1.30	.0873	.059	
12	3/1/07	1.90	.10	.06	These figures increased account increase in size of locomotives and cars. Sliding scale downwards.

PENNSYLVANIA RAILROAD—LINES EAST.

69	4/1/96	1.4445	.....	.....	P. R. R. Div.....	These guarantees all 90% of cost for year 1895. In addition R. R. pays extra amount for oil used on new freight cars.
		1.6065	.....	.....	U. R. R. of N. J. Div.	
		1.0926	.....	.....	P. & E. Div.....	
		1.5444	.....	.....	Nor. Cent. Div.....	
		1.2663	.....	.....	P., B. & W. Div....	
		1.8216	.....	.....	W. J. & S. S. Div...	
			.18765	.0585	All divisions.....	
Indef.	1/1/02	1.68525	.....	.....	P. R. R. Div.....	These figures 105% of cost for year 1895, excepting B. & A. V. Div. which remained at 90% of previous cost. Increase allowed account increased size of engines. In addition R. R. pays extra amount for oil used on new freight cars.
		1.87425	.....	.....	U. R. R. of N. J. Div.	
		1.2747	.....	.....	P. & E. Div.....	
		1.8018	.....	.....	Nor. Cent. Div.....	
		1.47735	.....	.....	P., B. & W. Div....	
		2.1252	.....	.....	W. J. & S. S. Div...	
		2.709	.....	.....	B. & A. V. Div.....	
			.18765	.0585	All divisions.....	

PERE MARQUETTE.

12	11/1/92	2.60	.50	.20	This line originally the Flint & Pere Marquette Ry.
12	11/1/93	2.25	.40	.18	
12	11/1/95	1.90	.30	.18	
24	1/1/97	1.80	.20	.15	
24	1/1/99	1.80	.20	.15	This contract annulled as of 4/1/00 and new contract made with new company.
15	4/1/00	1.80	.15	.15	
24	7/1/01	1.80	.15	.15	
30	7/1/03	2.3053	.10	.10	These guarantees equivalent to next previous figures.
60	1/1/06	2.50	.17	.076	These guarantees equivalent to next previous figures. Increase in loco. and pass. car guaranty allowed account consolidation with other lines and increase in size of locomotives, same offset by decrease in frt. car guaranty.

RICHMOND, FREDERICKSBURG & POTOMAC AND WASHINGTON SOUTHERN.

12	11/1/95	2.25	.225	.125	
20	11/1/96	2.20	.21	.115	
24	7/1/98	1.85	.18	.10	These guaranty figures given same as Atlantic Coast Line.
36	7/1/00	1.85	.18	.10	
24	7/1/03	2.20	.15	.10	Increase on locomotives allowed account larger engines, partially offset by decrease in pass. car guaranty.
12	7/1/05	2.20	.15	.10	
12	7/1/06	2.60	.15	.10	Further increase on locomotives allowed account accumulation of large power.
24	7/1/07	2.60	.15	.10	

SOUTHERN PACIFIC—PACIFIC SYSTEM.

24	6/1/96	1.32372	.18393	.09675	These figures 90% year 1895.
70	6/1/98	1.27	.148	.08	
60	4/1/04	1.75	.13	.08	These guarantees increased account increase in size of locos. and changes in methods of accounting for mileage, partially offset by decrease in car guaranty.

SOUTHERN PACIFIC—ATLANTIC SYSTEM.

24	6/1/96	1.2843	.0909	.0648	These figures 90% cost year 1895.
70	6/1/98	1.278	.09	.063	
60	4/1/04	1.75	.13	.08	Increase in loco. guaranty allowed account increase in size of locos. and consolidation with Harriman lines.

SEABOARD AIR LINE.

					This road began using Galena oils January, 1896, without guaranty or contract and continued to 4/1/99.
24	4/1/99	1.1775	.135	.095	Not to exceed cost previous 12 months.
60	7/1/00	1.50	.2016	.095	Increase in locomotive guaranty allowed account increase in size of locomotives and change in methods of accounting, same partially
36	7/1/05	1.70	.14	.085	offset by decrease in passenger and freight car guarantees.

DEFENDANTS' EXHIBIT 62—SHEET NO. 6½—Continued.

Statement covering a synopsis of contracts made by Galena Signal Oil Company with railroads—Continued.

Mos.	From—	Guaranteed rates per 1,000 miles.			History of contracts.
		Locos.	Pass. c.	Frt. c.	
			SOUTHERN.		
12	4/1/93	3.15	.36513	.17316	These figures 90% previous cost. This line formerly Richmond & Danville Ry., and contract made with receivers.
19	3/1/96	1.74	.1842	.095	No contract between 4/1/94 and 3/1/96.
36	10/1/97	1.74	.1842	.095	
58	10/1/00	1.70	.1842	.09	
60	7/1/05	2.10	.12	.07	These guarantees equivalent to previous guarantees. Sliding scale downwards on locos., reduced to $1.65 per 1,000 miles.
			SOUTHERN INDIANA.		
12	3/1/99	1.87	.23	.23	This contract taken on flat guaranty without reference to previous cost.
36	3/1/00	1.87	.23	.23	
36	5/1/04	2.25	.20	.20	Increase in loco. guaranty account increased size of locos., partially offset by decrease on cars.
			TOLEDO, PEORIA & WESTERN.		
24	1/1/97	1.0492	.10836	.11565	These guarantees 100% previous cost on locos., 90% on pass. and frt. cars.
24	1/1/99	1.0492	.10836	.11565	
12	6/1/04	1.0492	.06648	.06202	These figures 100% previous cost.
36	6/1/05	1.30	.06648	.06202	Increase in locomotive guaranty allowed account increase in size of engines.
			TOLEDO & OHIO CENTRAL.		
12	1/1/98	2.227	.1313	.065	These figures 100% previous cost and included Kanawha & Michigan Ry.
12	1/1/99	2.227	.1313	.065	" " " " " " " " "
12	1/1/00	2.227	.1313	.065	" " " " " " "
12	1/1/01	2.3738	.1294	.0623	Increase in locos. guaranty allowed account larger engines and consolidation with other lines.
36	1/1/02	2.3738	.1294	.0623	
60	1/1/05	2.3738	.1294	.0623	
			KANAWHA & MICHIGAN.		
12	1/1/01	2.37	.11	.07	Previous to this date was included under contract with Toledo & Ohio Central.
36	1/1/02	2.46	.1019	.102	
60	1/1/05	2.46	.1019	.102	Increase in guaranty allowed account increase in size of locos. and cars and consolidation of other roads.

DEFENDANT'S EXHIBIT 62.—SHEET NO. 7.

Statement covering a synopsis of contracts made by Galena Signal Oil Company with railroads—Continued.

[Many of the railroads in this statement had been using Galena-Signal Oil Company's oils for a number of years prior to the term shown herein, and were taken on guarantees 10 to 20 % discount of former costs when other oils were used and which were much higher than initial figures herein shown, and when locomotive and car equipment was much lighter in weight and capacity. This is especially true with such roads where percentage of discount is not shown, as the guaranteed rates were established in the original contract and reduced from time to time to the first figures shown in this statement. One cent decrease in freight car guaranty is equivalent to 11 to 15 cents increase in locomotive guaranty; one cent change in passenger car guaranty is equivalent to 1½ cents in locomotive service; one mill on tonnage basis is equivalent to 1½ cents on mileage basis.]

UNION PACIFIC.

[This road used Galena oils several years prior to first contract of which we have record. Books indicate a guaranteed contract in effect from 1/1/89, locos., $3.00; pass. cars, $.20; and frt. cars $.20 per 1,000 miles.]

Mos.	From—	Guaranteed rates per thousand miles.			History of contracts.
		Locos.	Pass. C.	Frt. C.	
24	1/1/91	$3.00	$.20	$.20	
24	1/1/93	2.70	.18	.18	
24	1/1/95	2.70	.18	.18	
12	1/1/97	2.55	.18	.18	
75	1/1/98	2.00	.16	.16	
60	4/1/04	1.75	.13	.08	Part of Harriman system.

VICKSBURG, SHREVEPORT & PACIFIC.

12	7/1/97	1.25	.18	.085	This line part of C., N. O. & T. P. from 1/1/91 to 7/1/97.
24	7/1/98	.95	.17	.06	
24	7/1/00	.95	.17	.06	
24	7/1/02	1.30	.14	.06	Increase in locomotive guaranty account larger engines, partly offset by decrease in pass. car guaranty.
24	7/1/04	1.30	.14	.06	

WEST VIRGINIA CENTRAL & PITTSBURG.

Indef.	1/1/97	.34497	.....	.....	This guaranty on all locomotive, passenger and freight car mileage. 90 % previous cost including lubricating and illuminating oils.
36	1/1/02	2.15	.15	.11	These figures based upon cost for lubricating oils only.
24	1/1/05	2.30	.15	.11	Increase in locomotive guaranty account larger locomotives.

YAZOO & MISSISSIPPI VALLEY.

36	8/1/93	2.00	.30	.11	In this contract this line given same guaranty as Illinois Central Ry., of which it forms a part.
12	8/1/96	1.8067	.25	.1036	
36	8/1/97	1.8067	.25	.1036	
60	8/1/00	1.6722	.25	.1036	
60	8/1/05	1.75	.15	.08	

6/18/08.

DEFENDANTS' EXHIBIT 63.

FRANKLIN, PA., *November 10th, 1891.*

To the C., N. O. & T. P. Ry.

GENTLEMEN: We submit for your kind consideration the following proposition:

We will furnish the C., N. O. & T. P. Ry., the A., G. & S. Ry., the N. O. & N. E. Ry., the V., S. & P. Ry., the A. & V. Ry., and the L. S. Ry., including the entire present mileage of all the roads, and any additional mileage that the company operating said roads may construct, lease, or in any manner operate or control, a full supply of lubricating oils for one year from October first, 1891, at the following prices and upon the following terms and conditions:

Prices to be charged are as follows:

Galena car oil, for the lubrication of passenger and freight cars and locomotive machinery, 20 cents per gallon.

Sibley's Perfection valve oil, 50 cents per gallon.

These prices are for the oils in barrels, carloads of various oils, f. o. b. Cincinnati, Ohio. Should you order oils in tank cars, the prices of these oils when so ordered are to be two cents per gallon less than the prices above named. We guarantee these prices to your company for the term of one year from October first, 1891.

Inasmuch as these prices are based upon Franklin crude oil at $3.90 per barrel of 42 gallons, f. o. b. at our works, we hereby agree that in case said crude oil declines to a price 25 cents per barrel below $3.90 f. o. b. we will for every 25 cents per barrel decline in the price of Franklin crude oil, reduce our prices to your company one-half cent per gallon.

We hereby guarantee that these prices are as low as we make for the same quality of oils to any railway in America, and agree that in case we reduce our prices to any railway anywhere, we will give your company the benefit of a like reduction.

The oils furnished your company are to be of as good quality as the oils furnished you in the past, and such as we furnish other railways under like or similar conditions. The Galena oil is to be made in accordance with what is known as "The Galena process" of oxide of lead, whale oil, and petroleum, and the valve oil is to be Sibley's Perfection valve oil. The oils are to be adapted to the service for which they are respectively intended, and each oil is to be used only for the purpose for which it is especially intended.

We will furnish experts free of charge to your company—other than that you are to furnish them free transportation—to look after the use of our oils with a view of reducing the cost of lubrication to the lowest possible point consistent with perfect service. Our expert is to have the hearty cooperation of the officials of your road, to whom he will report and with whom he will confer from time to time.

We will, if you wish to sell them to us, buy the empty barrels in which we shall have shipped our oils, and allow you one dollar each for same, f. o. b. Cincinnati.

In the exclusive use of the oils herein named—including such of our oils as you may have on hand at the beginning of this contract year—we hereby guarantee that the aggregate cost per thousand miles run of the lubrication of your locomotives and passenger and freight cars

for the twelve months included in this contract, shall be ten per cent less than for the twelve months from October first, 1889, to October first, 1890, when other oils than ours were used.

It is understood that we guarantee a saving of ten per cent of the aggregate cost per thousand miles in both locomotive and car service. Therefore should there be a saving over and above our guarantee in one service and a loss in another service, the service in which the cost exceeds our guarantee is to be credited with the saving over and above our guarantee in the other service, or a sufficient amount of the same to make good our loss in the other service. For instance, should the cost for the year in the car service fall below our guarantee $3,000 and the cost in the locomotive service exceed our guarantee $2,000, the locomotive service shall be credited with $2,000 of the saving over and above our guarantee in the car service. Or should the cost in the locomotive service fall below our guarantee $3,000 and the cost in the car service exceed our guarantee $5,000, the car service is to be credited with the $3,000 saved over and above our guarantee in the locomotive service. Should, however, the cost in both the car and locomotive service fall below our guarantee, we are not on that account to receive any more for our oils than the prices herein named.

If it is shown at the end of the contract year that your company has not saved ten per cent of the aggregate cost per thousand miles in the lubrication of your locomotives and passenger and freight cars, as herein guaranteed, you are to make a bill against our company for the amount of the excess cost, and we are to remit promptly in payment of the same.

If settlement is made on a basis of our guarantee as regards cost of lubrication, lubrication is to have credit with all barrels that we shall have shipped your company during the contract year at the price herein offered you for said barrels, as per former contract.

You are to furnish us a copy of an inventory showing number of gallons of lubricating oils on hand at the beginning of this contract year, and also copy of inventory showing number of gallons of lubricating oils on hand at the end of this contract year.

You are to furnish us monthly statements upon blanks furnished by us free of charge, showing locomotive and car mileage and number of gallons of oils consumed during the month and the cost per thousand miles run in both car and locomotive service.

You can, if you desire to do so, withhold payment of a sufficient number of our invoices to cover from time to time any loss that said reports may indicate that we have sustained by reason of our guarantee as regards cost of lubrication. If the cost for the year exceeds our guarantee, settlement upon the basis of said guarantee to be made at the close of the contract year.

Accepted by Galena Oil Works Limited, this 16th day of November, 1891, by

CHAS. MILLER, *Pres.*

Attest, ———

Pencil notation at bottom of contract:

"Locos	23.275
Pass. cars	.360525
Frt. cars	.1026"

Accepted by the Cincinnati Southern Ry. Co. this 2d day of Dec., 1891, by

R. CARROLL,
Genl. Manager.

Attest, for C., N. O. & T. P.; A. G. S.; N. O. & N. E.; A. & V.; V., S. & P., and L. S. Rys.

Written on the back of this contract is the following:

"C., N. O. & T. P. Ry.
To Oct. 1st, 1892."

Also the following:

"Contract with C., N. O. and T. P.
Term 1 year.
From October 1, 1891.
To October 1, 1892.
Mail inventory and monthly reports to auditing department Galena Oil Company, Franklin, Penna."

DEFENDANTS' EXHIBIT 64.

FRANKLIN, PA., *July 1st, 1891.*

J. H. GARAGHTY, Esq.,
Gen'l P. A., C. C. C. & St. L. Ry. Co., Indianapolis, Indiana.

DEAR SIR:—Inasmuch as we desire to secure the patronage of your company for our various oils, we respectfully submit for your kind consideration the following proposition:

I. We will guarantee to your company the prices hereinafter named for our oils for one year from the date of this proposition. It is understood that your acceptance of this proposition implies an agreement on the part of your company to use our oils exclusively for one year, upon the terms and conditions herein set forth.

II. The prices to be charged your company are as follows:

Galena engine oil, for the lubrication of your locomotives, 30 cents per gallon.

Sibley's perfection valve oil, for the lubrication of valves and cylinders, 50 cents per gallon.

Galena car oil, for the lubrication of your passenger and freight cars, 20 cents per gallon.

These prices are for the oils named, in barrels, delivered as you may direct.

III. Should you order the oils delivered in tank cars, the prices to be two cents per gallon less than the prices herein named.

IV. Inasmuch as these prices are based upon Franklin crude oil at $3.90 per barrel of 42 gallons, f. o. b. at our works, we hereby agree that in case the price of Franklin crude oil should decline 25 cents per barrel below $3.90 per barrel during the term of this contract, we will for every 25 cents per barrel decline in the price of said crude oil reduce our prices to your company one-half cent per gallon.

V. We hereby guarantee that these prices are as low as we make for the same quality of oils to any railway in America; and that in case we reduce our prices for the same quality of oils to any railway anywhere we will give your company the benefit of a like reduction.

VI. The oils furnished your company are to be made in accordance with what is known as the Galena process of oxide of lead, whale oil, and petroleum—except the valve oil, which is to be what is known as Sibley's Perfection valve oil. In other words, the oils are to be such as we furnish other railways under like or similar conditions. We are to furnish oils especially adapted to the service for which each is intended, and each kind of oil is to be used exclusively for the service for which it is intended.

VII. We will furnish experts free of charge to your company—other than that you are to furnish them free transportation while upon your road to look after the consumption of our oils with a view of reducing the cost to the lowest possible point consistent with perfect service. Said experts are to have the hearty cooperation of the officials of your road, to whom they will report from time to time and make such suggestions as will tend to effect the object of their service.

VIII. In the exclusive use of the oils herein named—including all of our oils that you may have on hand at the beginning of the contract year—we will hereby guarantee that the aggregate cost per thousand miles run of the lubrication of your locomotives and passenger and freight cars, for the twelve months of this contract, shall

be fifteen per cent less than the aggregate cost per thousand miles run for the same service from July, 1889, to July, 1890, when other oils were used.

IX. If at the end of the contract year it is shown that your company has not saved fifteen per cent of the aggregate cost per thousand miles run of the lubrication of locomotives and passenger and freight cars by reason of the use of our oils, as against the cost of the same service as against the year above specified, as herein guaranteed, we hereby agree to reimburse your company a sufficient amount of money to make good our guarantee. If in case, however, it is shown that by reason of the use of our oils, the saving to your company has been more than fifteen per cent of the aggregate cost for the year above specified, we are not on that or any other account to receive more than the prices herein named for our oils.

X. We will take back, if you wish to sell them to us, the empty barrels in which we shall have shipped oils to your company, and allow you one dollar each for same, f. o. b. Cleveland. In computing the cost of lubrication of your equipment at the end of the year, if it is found that the aggregate cost has exceeded our guarantee, and settlement is therefore made on the basis of our guarantee, we are to have credit for all barrels shipped you during the year, at the price which we herein offer you for the same, inasmuch as the amount that you receive for said barrels will reduce the cost of lubricating your equipment—as computed from our invoices—in proportion to the amount of the same.

XI. The oils that you have on hand are to be consumed as nearly as possible before the beginning of this contract year and an inventory of such as are still on hand at the beginning of the contract year is to be taken and a copy of said inventory is to be furnished us. The statement of locomotive and car mileage and various kinds of lubricants used and the number of pounds or gallons of each and the price per pound or gallon that you paid for same and the cost per thousand miles run in the locomotive and passenger and freight-car service for the year commencing July first, 1889, and ending July first, 1890, upon which settlement is made for the contract year ending July first, 1891, is to be taken as the basis upon which our guarantee as regards cost of lubrication is made this year.

XII. At the end of the contract year a second inventory of oils on hand is to be taken and a copy of same furnished us.

XIII. You are to furnish us monthly statements upon blanks supplied by us free of charge to your company, showing us the locomotive and passenger and freight-car mileage for the month; the number of gallons of each kind of oil used during the month, and the cost per thousand miles run in the locomotive and passenger and freight-car service. This will enable both you and us to keep track of what is being done.

XIV. Should you desire to do so, you can withold payment until the end of the contract year, when final settlement shall be made, of a sufficient number of our invoices for oils furnished to make good our guarantee to save your company fifteen per cent of the aggregate cost per thousand miles run for the year above specified. You can withold payment of one two, three, or four months' invoices until we have fulfilled our agreement to save your company fifteen per cent, or until you are satisfied that we intend to do just what we agree

to do. In this way it is impossible for you to pay more than you ought to pay according to this contract, inasmuch as you have the matter entirely in your hands, and when you have paid 85 per cent of the aggregate cost for the year commencing July first, 1889, and ending July first, 1890, all you have to do is to stop further payment.

Accepted by Galena Oil Works, Limit', this first day of July, 1891, by

CHAS. MILLER, *Pres.*
Per F. H. JOHNSTON,
Secy. to Prest.

Accepted by C., C., C. & St. L. Ry. Co. this 2d day of July, 1891, by

J. H. GARAGHTY,
Gen'l P. A.
C., C., C. & St. L. Ry. Co.

On the back of this exhibit appears the following:

"JULY FIRST, 1892.

This contract is hereby renewed and all its terms and conditions are to remain in full force until July first, 1893.

CHAS. MILLER,
Pres. Galena Oil Works, Limited.
J. H. GARAGHTY,
Gen'l P. A., C. C., C. & St. L. Ry. Co."

Also the following:

"Big 4 System
to
July 1st, 1891,
to
July 1st, 1893."

DEFENDANTS' EXHIBIT 65.

CHAS. MILLER,
Pres't & Gen'l Manager.
JOHN E. GILL,
Superintendent.

Office of
GALENA OIL WORKS, LIMITED.
Manufacturers of the
Celebrated
Galena
Engine Car Coach & Machinery
Oils.

Trade ✡G✡ Mark

FRANKLIN, PA., *June 1st, 1884.*

W. H. S. WRIGHT, Esq.,
Purch. Agent, C., St. P., M. & O. Ry. Co.,
St Paul, Minn.

DEAR SIR: We propose to furnish your co. with your full supply of Galena engine and Galena car oils—the same to be delivered in tank cars at Chicago for one year from date at the following prices:

Galena engine oil, 28 cents per gallon.

Galena car oil, 18 cents per gallon.

Should you at any time desire to purchase the oil in barrels, the price to be two (2) cents per gallon more than the above prices.

The prices above named are the same as given to the Chicago & North Western Ry. Co., and we hereby agree that you shall during the year have the same prices for the same oils that we charge the Chicago & North Western Ry. Co.

In the use of these oils we guarantee to effect a saving of 10 per cent to your co. based upon the cost of lubricating your equipment the previous year, that is to say from June 1st, 1883, to June 1st, 1884, so that the cost of lubricating your equipment from June 1st, 1884, to June 1st, 1885, shall be 10 per cent less than from June 1st, 1883, to June 1st, 1884.

Of course it is understood that should we be able, by reason of the care which we propose to give to the lubricating of your equipment, to effect a saving greater than 10 per cent, your co. to have the full benefit, and should the average saving for the year not amount to 10 per cent we agree to reimburse your co. with the difference.

We also agree to furnish men free of cost to your co. other than that you are to furnish the men free transportation over your road and with such letters from the heads of your departments to the employes of the road that will enable us to suggest how the oil shall be used.

The system of reports to be the same as are now being used by the Chicago & Alton, and Chicago, Milwaukee & St. Paul Ry. companies; or should it be desirable on your part to have a different system of reports which will give the same results, you to have the privilege of arranging such a system.

The oil furnished for winter months, both engine and car, shall stand a cold test of 5 to 10 degrees below zero.

Yours, truly,

CHAS. MILLER,
Prest. Galena Oil Works, Limited.

This proposition is accepted.

W. H. S. WRIGHT,
P. A. C., St. P., M. & O. Ry.

Written on the back of this letter is the following:

"St. Paul M. & O. Ry. W. H. S. Wright, June 1/84."

Also:

"Contract with *C., St. P., M. & O.*
"Term *1 year*
"From *June 1, 1884*
"To *June 1, 1885.*
"Mail inventory and monthly reports to Auditing Department, Galena Oil Company, Franklin, Penna."

DEFENDANTS' EXHIBIT 66.

Comparative statement showing cost of lubricating freight cars and tons hauled one mile.

Name of road.	12 mos. ending—	Tons hauled one mile.	Actual cost paid by R. R. co.	Actual cost per thousand tons one mile.	Per cent increase.	Per cent decrease.
A., T. & S. F. System	6/30/97	2,062,483,268	$36,411.32	1.765411666		
	6/30/06	5,841,420,731	39,908.00	.6842171		61.24
Alabama Great Southern	6/30/97	152,053,424	1,410.64	.9277265		
	6/30/06	365,746,718	2,710.82	.7411741		20.11
Alabama & Vicksburg	6/30/97	30,842,585	402.07	1.3036196		
	6/30/06	81,893,399	552.80	.6750238		48.21
Ann Arbor	6/30/99	170,589,582	609.72	.3574192		
	6/30/06	275,700,908	693.95	.2517039		29.57
Atlantic Coast Line	6/30/98	259,764,296	5,827.35	2.2433221		
	6/30/06	1,344,548,341	15,375.60	1.1435513		49.02
B. & O. System, including B. & O. S. W.	6/30/97	3,499,075,760	35,466.02	1.0135825		
	6/30/06	11,483,112,646	54,510.83	.4747043		53.16
Bangor & Aroostook	6/30/06	146,348,568	1,508.67	1.0308744		37.75
	6/30/98	31 563,880	519.47	1.6562682		
Buffalo, Rochester & Pittsburg	6/30/99	770,285,887	1,776.13	2.3058062		
	6/30/06	1,241,878,000	4,507.50	.36295836	57.41	
Cleveland, Cincinnati, Chicago & St. Louis.	6/30/99	1,704,824,779	9,108.32	.5342672		
	6/30/06	2,516,789,693	12,902.12	.5066032		5.17
Chicago Great Western	6/30/00	706,924,174	4,538.26	.6419726		
	6/30/06	871,714,113	6,046.01	.6935771	8.38	
Chesapeake & Ohio	6/30/97	2,000,094,742	13,367.41	.6683388		
	6/30/06	4,619,480,470	17,504.36	.3789248		43.30
Chicago, Peoria & St. Louis	6/30/98	102,308,974	1,055.04	1.0312292		
	6/30/06	217,099,672	1,503.14	.6923732		32.86
Colorado Midland	6/30/97	78,003,654	1,911.90	2.4510391		
	6/30/06	111,556,228	993.50	.890582		63.83
Chicago, Burlington & Quincy	6/30/99	3,373,480,389	41,533.40	1.2311836		
	6/30/06	6,347,902,891	29,860.37	.4703974		61.79
Chicago, Lake Shore & Eastern	6/30/98	352,323,249	1,549.62	.4398291		
	6/30/07	501,803,164	3,235.00	.6446750	46.57	
Chicago, St. Paul, Minneapolis & Omaha.	12/31/97	647,845,804	8,590.93	1.3260763		
	6/30/06	940,081,837	9,036.18	.9612121		27.51
Chicago & Northwestern	5/31/97	2,254,027,285	30,554.28	1.3555417		
	6/30/06	5,156,074,115	40,903.96	.7933159		41.47
Chicago, Milwaukee & St. Paul	6/30/97	2,193,241,080	31,157.09	1.4206231		
	6/30/06	4,663,808,007	28,636.06	.6140059		56.78
Cincinnati, New Orleans & Texas Pacific.	6/30/97	354,445,485	2,936.62	.8285110		
	6/30/06	890,454,630	4,436.36	.4982128		39.86
Central of New Jersey	12/31/98	1,074,632,894	5,189.10	.4828718		
	6/30/06	1,921,660,405	7,896.87	.4109399		14.90
Chicago & Alton	12/31/97	565,002,703	9,644.45	1.7069741		
	6/30/06	1,174,692,281	9,456.08	.8049835		52.84
Cincinnati, Hamilton & Dayton.	6/30/98	511,991,444	5,909.25	1.1541096		
	6/30/06	939,657,226	5,521.54	.5876121		49.09
Delaware, Lackawanna & Western.	12/31/00	2,109,819,703	11,377.18	.5392489		
	12/31/06	3,342,358,800	16,474.30	.4928944		8.59
Delaware & Hudson Co	6/30/98	946,542,795	7,268.03	.7678501		
	6/30/06	2,150,157,174	11,062.85	.5141752		33.03
Detroit, Toledo & Ironton	6/30/02	185,643,100	1,304.96	.7029402		
	6/30/06	329,434,320	1,856.95	.5636783		19.81
Erie	6/30/98	4,556,349,307	33,869.28	.7433424		
	6/30/05	5,944,379,550	25,659.97	.4316677		41.93
Elgin, Joliet & Eastern	6/30/99	254,761,533	1,720.60	.6753766		
	6/30/07	431,764,703	1,292.55	.2993644		55.67
Georgia Southern & Florida	6/30/99	48,401,471	726.15	1.5002643		
	6/30/06	86,809,039	929.93	1.0694604		28.71
Great Northern, all lines	6/30/97	1,657,223,725	14,058.77	.8483326		
	6/30/06	4,933,530,097	28,900.34	.5857943		30.95
Illinois Central	6/30/96	2,018,129,060	24,429.80	1.2105172		
	6/30/06	6,230,593,529	34,388.73	.5519334		54.41
Iowa Central	6/30/97	134,719,786	1,112.49	.8257807		
	6/30/06	403,094,137	2,006.19	.4976976		39.82
Kanawha & Michigan	6/30/99	108,413,006	736.48	.6793281		
	6/30/06	349,378,247	2,429.41	.6953524	2.35	
Kansas City Southern	6/30/98	428,547,782	5,090.26	1.1877928		
	6/30/06	877,542,261	5,390.64	.6142883		48.28
Lake Erie & Western	12/31/96	357,306,335	a 5,872.88	1.6436540		
	12/31/06	586,855,234	a 4,917.60	.8379579		49.02
Lake Shore & Michigan Southern.	12/31/96	2,377,034,118	27,027.45	1.1370241		
	12/31/06	5,621,702,883	29,943.94	.53 6679		53.15
Louisville & Nashville	6/30/98	2,177,950,297	20,207.38	.9278164		
	6/30/06	3,925,707,333	28,705.42	.7312165		21.18
Minneapolis, St. Paul & Sault Ste. Marie	6/30/98	546,093,524	7,572 81	1.3867240		
	6/30/06	1,084,153,866	4,391.76	.4050864		70.79

5/19/08. *a* Note: The cost on Lake Erie & Western covers both passenger and freight cars, the cost on passenger service, however, being small proportion of total cost.

Comparative statement showing cost of lubricating freight cars and tons hauled one mile—Continued.

Name of road.	12 mos. ending—	Tons hauled one mile.	Actual cost paid by R. R. co.	Actual cost per thousand tons one mile.	Per cent increase.	Per cent decrease.
Minneapolis & St. Louis	6/30/97	114,523,012	$2,786 31	2.4329695¢	.....	.....
	6/30/06	221,248,539	1,216 73	.5499381	.....	77.39
Michigan Central	12/31/02	1,965,107,850	14,271 67	7262537	.....	.....
	12/31/06	2,910,834,923	20,825 87	.7154603	.....	1.49
Mobile & Ohio	6/30/99	570,115,702	5,309 11	.9312338	.....	.....
	6/30/06	1,114,905,371	7,783 91	.6981678	.....	25.02
New York, New Haven & Hartford	6/30/96	847,107,629	9,609.92	1.1344391	.....	.....
	6/30/06	1,888,605,411	10,267.69	.5436652	.....	52.08
New York Central & Hudson River	6/30/96	3,874,532,962	25,458.76	.6570794	.....	.....
	12/31/06	8,426,361,212	48,244 08	.5725253	.....	12 86
Northern Pacific	6/30/96	1,316,958,350	20,642 81	1.5674535	.....	.....
	6/30/06	5,245,260,080	19,232 49	.3666642	.....	75.96
New Orleans & Northeastern	6/30/96	119,817,540	1,390 89	1.1608401	.....	.....
	6/30/06	229,304,742	1,682 51	.7337441	.....	36.79
Norfolk & Western	6/30/99	2,456,096,895	19,627.67	.7991407	.....	.....
	6/30/06	5,011,466,563	23,628 79	.4714945	.....	41.00
New York, Ontario & Western	6/30/96	356,414,070	4,525 04	1.2696019	.....	.....
	6/30/06	661,651,285	5,725 90	.8653959	.....	31.84
New York, Chicago & St. Louis	12/31/98	1,046,143,799	6,641.60	.6348649	.....	.....
	12/31/06	1,585,208,309	7,515 50	.4741017	.....	25.32
Oregon R. R. & Navigation Co.	6/30/97	189,836,475	3,989 59	2 1015929	.....	.....
	6/30/07	832,161,228	3,909.72	.4698272	.....	77.64
Pere Marquette	12/31/96	188,228,572	2,940 33	1.5621061	.....	.....
	6/30/06	1,624,353,350	8,800 04	.5417565	.....	65.32
Philadelphia & Reading	2/28/97	2,046,148,613	15,904 53	.7772910	.....	.....
	6/30/06	4,103,534,311	24,395 66	.5945036	.....	23.52
Rutland	6/30/04	154,822,904	1,148 65	.7419121	.....	.....
	12/31/06	199,888,081	1,385.46	.6931178	.....	6.57
Richmond, Fredericksburg & Potomac & W. S	6/30/98	37,655,195	1,175 43	3.1215613	.....	.....
	6/30/06	169,508,801	2,136 29	1 2602826	.....	59.62
Southern	6/30/97	1,324,015,178	13,584 52	1.0260094	.....	.....
	6/30/06	3,886,314,181	19,466 44	.5008972	.....	51.18
Southern Pacific, Pacific System	6/30/97	1,671,798,847	15,185 32	.9083221	.....	.....
	6/30/06	4,610,000,136	29,511.98	.6401646	.....	29.52
Toledo & Ohio Central	6/30/99	310,709,849	1,357 88	.4369547	.....	.....
	6/30/06	774,110,422	3,196.12	.4128764	.....	5.51
Union Pacific	6/30/97	1,243,686,016	34,864.27	2 8033016	.....	.....
	6/30/07	4,074,747,561	22,345.69	.5483944	.....	80 43
Vicksburg, Shreveport & Pacific	6/30/97	18,813,939	141.56	.7524208	.....	.....
	6/30/06	65,533,866	423 00	.6454677	.....	14.21
Wisconsin Central	6/30/97	347,666,177	3,453 17	.9932430	.....	.....
	6/30/06	804,040,467	6,454.35	.8027394	.....	19.17

Supplementary to Statement of 5/19/08.

Comparative statement showing cost of lubricating freight cars and tons hauled one mile.

Name of road.	12 mos. ending—	Tons hauled one mile.	Actual cost paid by R. R. Co.	Actual cost per thousand tons one mile.	Per cent increase.	Per cent decrease.
Penn'a R. R. Lines east	12/31/97	9,858,332,877	$51,508.87	$.52249067	.....	.....
	12/31/07	24,186,021,071	85,000.93	.35143780	.....	32.73
Penn'a Company	12/31/97	2,348,515,425	10,728.32	.45681283	.....	.....
	12/31/06	6,014,770,776	20,579.92	.34215634	.....	25.09
P., C., C. & St. L.	12/31/97	1,859,588,056	10,895.52	.59228042	.....	.....
	12/31/06	3,844,058,091	17,790.93	.46281629	.....	21.86
Chicago, Rock Island & Pacific	6/31/97	1,175,517,765	14,281.98	1.21495229	.....	.....
	6/30/07	4,281,228,365	19,210.18	.44870720	.....	63.07
Chicago & Eastern Illinois	6/30/97	612,368,345	8,483.09	1.38529205	.....	.....
	6/30/06	1,728,882,891	12,683.33	.73361418	.....	47.04
Lehigh Valley	11/30/98	3,125,249,980	20,127.11	.64401600	.....	.....
	6/30/06	4,342,887,365	22,403.30	.51586187	.....	19.91
Louisville, Henderson & St. Louis	6/30/99	42,333,689	496.70	1.1732972	.....	.....
	6/30/06	58,424,142	389.15	.6660776	.....	43.23
Charleston & Western Carolina	6/30/03	56,198,393	310.60	.5526848	.....	.....
	6/30/06	81,468,865	407.43	.5001052	.....	9.51
Toledo, Peoria & Western	12/31/98	54,973,598	705.13	1.28267027	.....	.....
	12/31/06	60,191,334	342.74	.5694175	.....	56.38
Oregon Short Line	6/30/98	471,681,526	9,938.98	2.1071378	.....	.....
	6/30/07	1,783,958,527	7,559.74	.4237620	.....	79.89
Southern Pacific, Atlantic system	6/30/97	1,223,942,930	6,147.40	.5022619	.....	.....
	6/30/06	2,379,094,521	15,352.05	.6452896	28.47	.....
Southern Pacific Company, Pacific and Atlantic systems	6/30/97	2,895,741,777	21,332.72	.7366924	.....	.....
	6/30/06	6,989,155,257	44,864.03	.6419092	.....	12.86

5/25/08

DEFENDANTS' EXHIBIT 67.

Statement showing per cent of invoice prices paid by railroads for 1904–1905 years included in ten-year and one-year statements in evidence, all figures based upon Chicago bulk prices.

No.	Name of road.	Value of lubricants consumed.		Value of sales lubricating and signal oils.		Excess.		Per cent of invoice price based on consumption.		Per cent of invoice price paid based on sales.		Total sales each group of roads.
		Division figures.	Total figures.	Division figures.	Total figures.	Cost. Division figures.	Refunded. Total figures.	Division figures.	Average for system.	Division figures.	Average for system.	
	Pennsylvania system:											
A	Pennsylvania Lines East	$499,481		$499,481		$222,643		55		55		
B	Pennsylvania Company	143,560		173,314		87,446		39		50		
	P. C. C. & St. L.	111,448		125,818		63,233		43		50		
	Average B	255,008		299,132		150,679		41		50		
1	Total A & B		$754,489		$798,613		$373,322		51		53	$798,613
2	Central of Georgia		29,269		32,896		15,127		48		54	
3	Georgia Railroad		9,913		12,826		4,581		54		64	
4	Toledo, Peoria & Western		3,027		3,680		1,223		60		67	
5	Buffalo, Rochester & Pitts		33,276		40,410		12,596		62		69	
	Total above 4 roads		75,485		89,812		33,527		56		63	89,812
	Boston & Maine System:											
	Maine Central	20,561		22,770		9,674		53		58		
	Boston & Maine	89,893		111,646		24,720		73		80		
6	Total M. C. and B. & M.		110,454		134,616		34,394		69		74	
7	Southern Indiana		5,916		6,487		1,466		76		78	
8	Chicago Great Western		35,107		40,813		9,343		73		77	
	Harriman Lines:											
	Southern Pacific Pac. Sys	127,309		163,099		54,999		57		66		
	San Pedro, Los Angeles & S. L.	8,463		12,464		3,975		53		68		
	Southern Pacific, Atl. Sys	52,500		73,543		13,582		74		82		
	Oregon R. R. & Nav. Co	14,828		21,346		3,184		79		85		
	Oregon Short Line	20,793		31,752		2,061		90		94		
	Union Pacific	48,190		72,433		0		100		100		
9	Total Harriman Lines		272,083		374,637		77,801		71		79	
	Total above 10 roads		423,560		556,553		123,004		71		78	556,553
10	Nashville, Chatt. & St. L.		34,155		39,405		7,862		77		80	
11	Long Island		16,925		17,449		3,282		81		82	
12	Central Vermont		9,405		13,423		2,482		74		82	
13	Chicago, Cincinn. & Louis		3,082		4,577		768		76		83	
14	Chicago, Burl. & Quincy		129,788		181,658		30,364		77		83	

15	B. & O. and B. & O. S. W.		238,881		366,031		59,177		75		84	
16	Bangor & Aroostook		6,265		7,234		1,178		81		84	
17	Chesapeake & Ohio		65,634		91,345		14,785		79		84	
18	Ann Arbor		3,722		7,388		891		76		88	
19	Cleveland, Akron & Col.		5,232		8,104		941		82		88	
20	Seaboard Air Line		33,511		36,891		3,947		88		89	
	New York Central System:											
	C. C. C. & St. L. and P. & E.	81,278		111,373		31,982		61		71		
	Michigan Central	67,112		70,122		10,938		84		85		
	Lake Shore & Mich. So.	102,853		124,860		15,570		85		88		
	New York Central & H. R.	261,556		341,341		19,941		92		94		
	Rutland	7,887		13,349		661		92		95		
	New York, Chic. & St. L.	24,019		31,827		0		100		100		
21	Total N. Y. C. System		544,705		692,872		79,092		85		89	
22	Cincinnati, Ham. & Dayton		25,474		32,475		3,446		87		89	
	Total above 18 roads		1,116,779		1,498,852		208,215		81		86	1,498,852
23	Norfolk & Western		70,997		109,669		11,020		84		90	
24	R., F. & P. and W. S.		8,238		10,975		1,124		83		90	
25	Louis., Henderson & St. L.		2,795		3,822		386		88		91	
26	Wisconsin Central		17,773		21,607		2,000		89		91	
27	Detroit, Toledo & Ironton		5,303		8,808		742		86		92	
28	Kansas City Southern		16,329		24,223		2,002		88		92	
29	Chicago & Alton		34,152		54,772		4,211		88		92	
30	Georgia Southern & Florida		4,743		6,625		500		90		92	
31	Louisville & Nashville		98,260		157,024		9,181		91		94	
32	Philadelphia & Reading		97,326		137,659		8,010		92		94	
33	D. & R. G., R. G. W., R. G. S.		37,776		48,284		2,713		93		94	
34	Central of New Jersey		44,310		57,033		3,158		93		95	
35	Gulf & Ship Island		3,720		5,220		200		95		96	
	Queen & Crescent Lines:											
	N. O. & N. E. and A. & V.	7,495		11,377		817		90		93		
	Vicks., Shreve. & Pacific	1,927		3,295		118		94		96		
	Cin., New Orleans & Tex. Pac.	15,713		27,969		647		96		98		
	Alabama Great Southern	6,983		8,929		0		100		100		
36	Total Q. & C. Lines		32,118		51,570		1,582		95		97	
37	Chicago, St. P., M. & O.		28,956		40,738		1,000		97		98	
38	Atlantic Coast Line & C. & W. C.		48,082		64,508		1,272		97		98	
	Erie System:											
	Erie & E. & W. V.	127,949		199,365		4,665		97		98		
	New York, Sus. & Western	7,843		10,414		91		99		99		
39	Total Erie System		135,792		209,779		4,756		97		98	
40	Atchison, Topeka & S. F.		171,633		227,752		2,448		99		99	
41	Chicago, Rock Island & Pac.		128,879		162,710		3,208		98		99	
42	Chicago & Northwestern		128,779		201,648		3,000		98		99	
43	Chicago, Milwaukee & St. P.		110,001		146,960		1,920		98		99	
	Total above 25 roads		1,225,962		1,751,386		64,393		95		96	1,751,386

Statement showing per cent of invoice prices paid by railroads for 1904–1905 years included in ten-year and one-year statements in evidence, all figures based upon Chicago bulk prices—Continued.

No.	Name of road.	Value of lubricants consumed.		Value of sales lubricating and signal oils.		Excess.		Per cent of invoice price based on consumption.		Per cent of invoice price paid based on sales.		Total sales each group of roads.
		Division figures.	Total. figures.	Division figures.	Total. figures.	Cost. Division figures.	Refunded. Total. figures.	Division figures.	Average for system.	Division figures.	Average for system.	
44	Illinois Central & Y. & M. V		$140,084		$213,555		0		100		100	
45	Northern Pacific		106,731		159,353		0		100		100	
46	New York, N. H. & H		96,788		133,763		0		100		100	
47	Southern		76,825		126,436		0		100		100	
48	Lehigh Valley		77,345		107,257		0		100		100	
49	Great Northern Lines		73,431		100,637		0		100		100	
50	Dela. Lacka. & Western		74,418		100,387		0		100		100	
51	Delaware & Hudson Co		55,932		70,027		0		100		100	
52	Chicago & Eastern Illinois		33,362		51,132		0		100		100	
53	Pere Marquette		31,789		39,327		0		100		100	
54	Mobile & Ohio		20,003		38,285		0		100		100	
55	Minn., St. P. & S. S. M		17,288		24,738		0		100		100	
56	New York, Ont. & Western		20,202		24,080		0		100		100	
	Toledo & Ohio Central	$10,400		$14,270		0		100		100		
	Kanawha & Michigan	6,168		7,293		0		100		100		
57	Total T. & O. C. and K. & M		16,568		21,563		0		100		100	
58	Hocking Valley		15,203		19,115		0		100		100	
	Chicago, L. S. & Eastern	6,861		9,830		0		100		100		
	Elgin, Joliet & Eastern	4,685		8,506		0		100		100		
59	Total C., L. S. & E. and E., J. & E		11,546		18,336		0		100		100	
60	Lake Erie & Western		11,214		16,380		0		100		100	
61	Duluth & Iron Range		5,417		14,313		0		100		100	
62	Kan City, Memphis & Birm		5,398		10,221		0		100		100	
63	Iowa Central		8,241		9,931		0		100		100	
64	Chicago, Peoria & St. L		5,759		8,891		0		100		100	
65	Minneapolis & St. Louis		5,658		7,272		0		100		100	
66	Chicago Junction		5,348		7,011		0		100		100	
67	Duluth, Missabe & Northern		4,496		6,703		0		100		100	
68	West Va., Cent. & Pitts		3,936		5,929		0		100		100	
69	Colorado Midland		4,694		5,500		0		100		100	
70	Buffalo & Susquehanna		3,151		4,383		0		100		100	
	Total above 29 roads		930,827		1,344,525		0		100		100	$1,344,525
	Grand total		4,527,102		6,039,741		$1,010,676		78		83	6,039,741

5/14/08.

DEFENDANTS' EXHIBIT 68.

Statement showing miles made per pint of valve oil used on locomotives on roads, statements for which are in evidence, covering year included in 1904–1905 period.

No.	Name of road.	Miles made per pint valve oil.
	Penn'a Lines East and West:	
	Penn'a Company	33
	P. C. C. & St. L.	35
	Penn's Lines East	35
1	Chicago, St. Paul, Minneapolis & Omaha	104
2	Atlantic Coast Line	104
3	Yazoo & Mississippi Valley	94
4	Mobile & Ohio	85
5	Illinois Central	82
6	Ann Arbor	82
7	Vicksburg, Shreveport & Pacific	82
8	Southern Railway	81
9	Michigan Central	81
10	Alabama & Vicksburg	81
11	Chicago, Milwaukee & St. Paul	79
12	Chicago & Northwestern	79
13	Chicago, Lake Shore & Eastern	78
14	Charleston & Western Carolina	76
15	Lake Erie & Western	76
16	Central Vermont	75
17	Rio Grande Southern	75
18	Toledo & Ohio Central	75
19	Wisconsin Central	74
20	Cincinnati, New Orleans & Texas Pacific	73
21	New Orleans & Northeastern	73
22	Pere Marquette	72
23	Kansas City, Memphis & Birmingham	72
24	Duluth & Iron Range	72
25	Kanawha & Michigan	71
26	Georgia Railroad	71
27	Southern Pacific, Pacific System	70
28	Philadelphia & Reading	70
29	Long Island	70
30	Toledo, Peoria & Western	69
31	Oregon Railroad & Navigation Company	69
32	Union Pacific	69
33	New York, New Haven & Hartford	69
34	Baltimore & Ohio Southwestern	68
35	Oregon Short Line	68
36	Detroit, Toledo & Ironton	68
37	Hocking Valley	68
38	Chicago, Rock Island & Pacific	68
39	New York, Ontario & Western	68
40	Minneapolis & St. Louis	68
41	Kansas City Southern	67
42	Lehigh Valley	67
43	Seaboard Air Line	66
44	Delaware, Lackawanna & Western	66
45	Lake Shore & Michigan Central	65
46	Louisville & Nashville	65
47	Elgin, Joliet & Eastern	64
48	Rutland	62
49	Colorado Midland	62
50	Iowa Central	62
51	New York, Chicago & St. Louis	61
52	Southern Pacific, Atlantic System	61
53	Chicago, Peoria & St. Louis	61
54	Central of New Jersey	60
55	Boston & Maine	59
56	Denver & Rio Grande and Rio Grande Western	59
57	New York, Susquehanna & Western	59
58	C. C. C. & St. L. and P. & E	58
59	Alabama Great Southern	58
60	Norfolk & Western	58
61	Buffalo, Rochester & Pittsburg	57
62	Chicago & Alton	57
63	Great Northern Lines	57
64	Duluth, Missabe & Northern	57
65	Erie	56
66	Nashville, Chattanooga & St. Louis	55
67	Cincinnati, Hamilton & Dayton	55
68	Louisville, Henderson & St. Louis	54
69	West Virginia Central & Pittsburg	54
70	New York Central & Hudson River	53
71	Minneapolis, St. Paul & Sault Ste. Marie	53
72	Chesapeake & Ohio	53
73	Chicago Junction	53
74	Chicago, Burlington & Quincy	51
75	Chicago & Eastern Illinois	50
76	Central of Georgia	49
77	Baltimore & Ohio	49
78	Delaware & Hudson Company	49
79	Cleveland, Akron & Columbus	48
80	Atchison, Topeka & Santa Fe Lines	48
81	Northern Pacific	47
82	San Pedro, Los Angeles & Salt Lake	46
83	Chicago, Cincinnati & Louisville	46
84	Gulf & Ship Island	46
85	Maine Central	45
86	Richmond, Fredericksburg & Potomac and Wash. So	45
87	Bangor & Aroostook	43
88	Buffalo & Susquehanna	42
89	Chicago Great Western	41
90	Erie & Wyoming Valley	36
91	Georgia Southern & Florida	33
92	Southern Indiana	31

5/14/08.

DEFENDANTS' EXHIBIT 69.

Statement showing miles made per pint of engine oil and other lubricants used on locomotives, statements for which are in evidence, covering year included in 1904–1905 period.

No.	Name of road.	Miles made per pint eng. oil and other lubricants.
	Penn'a lines, east and west:	
	Penn'a Company	17
	P., C., C. & St. L.	16
	Penn'a lines east	16
1	Chicago, Lake Shore & Eastern	56
2	Elgin, Joliet & Eastern	49
3	Rio Grande Southern	44
4	Chicago Junction	43
5	New York, Chicago & St. Louis	37
6	Norfolk & Western	37
7	New York, New Haven & Hartford	34
8	Ann Arbor	33
9	Colorado Midland	33
10	Yazoo & Mississippi Valley	31
11	Chicago, Peoria & St. Louis	31
12	Iowa Central	31
13	Charleston & Western Carolina	30
14	Chicago Great Western	29
15	Chicago, St. Paul, Minneapolis & Omaha	29
16	Union Pacific	28
17	Vicksburg, Shreveport & Pacific	28
18	Duluth & Iron Range	28
19	Delaware Lackawanna & Western	28
20	Georgia Southern & Florida	27
21	Chicago, Milwaukee & St. Paul	27
22	Atlantic Coast Line	27
23	Minneapolis, St. Paul & Sault Ste. Marie	27
24	Georgia Railroad	27
25	West Virginia Central & Pittsburg	27
26	Central of Georgia	26
27	Boston & Maine	26
28	Oregon Short Line	26
29	Cincinnati, New Orleans & Texas Pacific	26
30	Louisville, Henderson & St Louis	26
31	Detroit, Toledo & Ironton	26
32	Minneapolis & St. Louis	26
33	Central Vermont	25
34	Northern Pacific	25
35	Lake Erie & Western	25
36	Michigan Central	24
37	Rutland	24
38	Toledo, Peoria & Western	24
39	Oregon Railroad & Navigation Company	24
40	Alabama Great Southern	24
41	Louisville & Nashville	24
42	Hocking Valley	24
43	Illinois Central	24
44	Southern Railway	24
45	Mobile & Ohio	24
46	Toledo & Ohio Central	24
47	Kanawha & Michigan	24
48	Buffalo & Susquehanna	24
49	Gulf & Ship Island	24
50	Seaboard Air Line	23
51	Lehigh Valley	23
52	New York, Susquehanna & Western	23
53	Duluth, Missabe & Northern	23
54	Maine Central	22
55	New York Central & Hudson River	22
56	Chicago, Burlington & Quincy	22
57	Bangor & Aroostook	22
58	Kansas City Southern	22
59	Wisconsin Central	22
60	Philadelphia & Reading	22
61	Chicago & Northwestern	22
62	Great Northern	22
63	Cleveland, Akron & Columbus	22
64	Lake Shore & Michigan Southern	21
65	Southern Pacific, Pacific System	21
66	New Orleans & Northeastern	21
67	Alabama & Vicksburg	21
68	Cincinnati, Hamilton & Dayton	21
69	Southern Pacific, Atlantic System	21
70	Long Island	20
71	Denver & Rio Grande and Rio Grande Western	20
72	Central of New Jersey	20
73	Southern Indiana	20
74	Baltimore & Ohio	19
75	Pere Marquette	19
76	Chicago, Rock Island & Pacific	19
77	Kansas City, Memphis & Birmingham	19
78	New York, Ontario & Western	19
79	Chesapeake & Ohio	19
80	Baltimore & Ohio Southwestern	18
81	Nashville, Chattanooga & St. Louis	18
82	Erie	18
83	Erie & Wyoming Valley	18
84	Chicago & Eastern Illinois	18
85	C., C., C. & St. L. and P. & E.	17
86	San Pedro, Los Angeles & Salt Lake	17
87	Chicago & Alton	17
88	Delaware & Hudson Company	17
89	Atchison, Topeka & Santa Fe	16
90	Richmond, Fredericksburg & Potomac and Wash. So.	16
91	Chicago, Cincinnati & Louisville	15
92	Buffalo, Rochester & Pittsburg	15

5/14/08

DEFENDANTS' EXHIBIT 70-A.

PITTSBURG RAILWAYS.

Statement of operations for 12 months ended June 15, 1905.

	Gallons.	Price.	Value.	Cost per 1,000.
POWER HOUSES.				
Galena power house valve oil	36,102½	$.50	$18,051.25	
" " " engine "	39,152½	.30	11,745.75	
Other lubricants			1,043.72	
			30,840.72	
Credit for empty barrels		$1,563.00		
Adjustment account installment of new machinery		3,271.04	4,834.04	
			26,006.68	$.2808
CARS.				
Galena electric car oil	43,027½	.20	8,605.50	
" motor grease	3,832	.075	287.40	
" gear "	64,256	.04	2,570.24	
" track oil	3,475½	.10	347.55	
Other lubricants			1,381.69	
			13,192.38	
Credit for empty barrels			1,258.00	
			11,934.38	.3627

	Guar'd cost.	Actual cost.	Excess.	Per cent of excess.
GUARANTEED COST.				
92,586,199 K. W. H. at $.173088	$16,025.56	$26,006.68	$9,981.12	38.37
32,903,712 miles, at $.316431	10,411.75	11,934.38	1,522.63	12.75
	26,437.31	37,941.06	11,503.75	30.32

4/8/08

DEFENDANTS' EXHIBIT 70-B.

PITTSBURG RAILWAYS COMPANY.

Statement of operations for 12½ months ended June 30, 1906.

	Gallons.	Price.	Value.	Cost per 1,000.
POWER HOUSES.				
Galena power house valve oil	38,245¼	$.50	$19,122.75	
" " " engine "	33,874½	.30	10,162.35	
Other lubricants			173.65	
			29,458.75	
Credit for empty barrels			1,403.60	
			28,055.15	$.2448
CARS.				
Galena electric car oil	54,079	.20	10,815.80	
" air compressor oil	100	.25	25.00	
" gear grease	83,205	.04	3,328.20	
" track oil	2,941	.10	294.10	
Other lubricants			22.67	
			14,485.77	
Credit for empty barrels		$1,271.05		
" " initial lubrication		769.04	2,040.09	
			12,445.68	.3373

	Guar'd cost.	Actual cost.	Excess.	Per cent of excess.
GUARANTEED COST.				
114,593,259 K. W. H. at $1,730.88	$19,834.72	$28,055.15	$8,220.43	29.30
36,893,846 miles at $.316431	11,674.35	12,445.68	771.33	6.19
	31,509.07	40,500.83	8,991.76	22.20

4/8/08.

DEFENDANTS' EXHIBIT 70-C.

PITTSBURG RAILWAYS.

Statement of operations for 6 months ended December 31/06.

	Gallons.	Price.	Value.	Cost per 1,000.
POWER HOUSES.				
Galena power house valve oil	18,138½	$.50	$9,069.25	
" " " engine "	16,850½	.30	5,055.15	
Other lubricants			208.81	
			14,333.21	
Credit for empty barrels			721.95	
			13,611.26	$.2146
CARS.				
Galena electric car oil	21,983	.20	4,396.60	
" air compressor oil	392.72	.25	98.18	
" gear grease	42,498	.04	1,699.92	
" track oil	2,036½	.10	203.65	
Cable grease			15.50	
Other lubricants			59.52	
			6,473.37	
Credit for empty barrels			567.85	
			5,905.52	.3221

	Guar'd cost.	Actual cost.	Excess.	Per cent of excess.
GUARANTEED COST.				
63,410,860 K. W. H. at $.1730.88	$10,975.66	$13,611.26	$2,635.60	19.36
18,330,455 miles at $.316431	5,800.32	5,905.52	105.20	1.78
	16,775.98	19,516.78	2,740.80	14.04

4/8/08.

DEFENDANTS' EXHIBIT 70-D.

PITTSBURG RAILWAYS.

Statement of operations for 12 months ended December 31, 1907.

	Gallons.	Price.	Value.	Cost per 1,000.
POWER HOUSES.				
Galena power-house valve oil	35,857½	$0.50	$17,928.75	
" " " engine "	34,535½	.30	10,360 65	
Other lubricants			968.07	
			29,257.47	
Credit for empty barrels			1,496.75	
			27,760.72	$0.2096
CARS.				
Galena electric-car oil	48,310	.20	9,662 00	
" air-compressor oil	1,495.2	.25	373 80	
" gear grease	80,131	.04	3,205 24	
" track oil	2,248	.10	224 80	
Other lubricants			26 60	
			13,492.44	
Credit for empty barrels			1,114.40	
			12,378.04	.3381

	Guar'd cost.	Actual cost.	Excess.	% of excess.
GUARANTEED COST.				
132.428,385 at $.173088 per 1,000 K. W. H	$22,921.76	$27,760.72	$4,838.96	17.43
36,604.352 at $.316431 " " miles	11,582.75	12,378 04	795.29	6.43
	34,504.51	40,138.76	5,634.25	14.03

4/8/08

DEFENDANTS' EXHIBIT 71.

(Copy.)

LOUISVILLE & NASHVILLE RAILROAD COMPANY,
OFFICE OF THE FOURTH VICE-PRESIDENT,
Louisville, Ky., January 5th, 1908.

G. E. EVANS,
Fourth Vice-President.

Mr. T. H. CURTIS,
Supt. Machinery.

DEAR SIR: Following is a copy of the President's letter to me dated the 4th inst:

"Have the results of lubrication under our present contract with the Galena Signal Oil Company been satisfactory?

"Is it feasible to furnish a comparative statement of the number of hot boxes and aggregate time of delays and comparative cost of waste, with allowance for additional mileage, for the periods June 1, 1904, to June 1, 1905, and June 1, 1906, to June 1, 1907?"

I assume that, perhaps, you will not be able to give all the information in detail, but give it as far as practicable. Let me have it as promptly as possible.

Yours, truly, (Signed) G. E. EVANS,
B
Dict. *Fourth Vice-President.*

DEFENDANTS' EXHIBIT 72.

(Copy.)

LOUISVILLE & NASHVILLE RAILROAD COMPANY,
OFFICE OF THE SUPERINTENDENT OF MACHINERY,
Louisville, Ky., Jan. 14, 1908.

THEODORE H. CURTIS,
Superintendent of Machinery.

Mr. G. E. EVANS,
Fourth Vice-President.

DEAR SIR: Replying to your letter of the 5th inst.

I enclose herewith a statement showing the cost of waste for lubrication of locomotives and cars during the fiscal year 1904–05 and 1906–07, as we were verbally advised that the cost during these two periods would be satisfactory.

I am also enclosing statements showing delays to passenger trains account of hot boxes on locomotives and passenger cars for eleven months of July, 1904, to May, 1905, as compared with eleven months July, 1906, to May, 1907. Our record on delays to passenger trains is short for the month of June, 1905, and as we could not give this information for June in the year 1904–05 we omitted the same month for the year 1906–07.

We are unable to give any information from record as to delays which occurred to freight trains during these periods.

The results of lubrication under our present contract with the Galena Signal Oil Company have been very satisfactory, and the record indicates that the service has been superior to that furnished under the New York Lubricating Oil Company's contract.

Yours, truly,

THEO. H. CURTIS.
H

H-C

Encl.

DEFENDANTS' EXHIBIT 73.

LOUISVILLE & NASHVILLE RAILROAD CO.

Cost of waste for lubrication of locomotives and cars.

	Locomotives.		Passenger cars.		Freight cars.	
	Year 1904-05.	Year 1906-07.	Year 1904-05.	Year 1906-07.	Year 1904-05.	Year 1906-07.
July	729.77	808.64	143.12	122.65	1,761.06	1,898.49
August	757.61	760.13	159.67	139.13	2,008.16	1,723.01
September	656.76	738.83	146.65	132.23	2,126.21	1,870.87
October	649.44	618.31	179.25	122.13	2,501.18	1,755.21
November	593.58	654.62	134.85	116.59	2,200.38	1,835.45
December	634.37	636.60	162.28	105.57	2,886.95	1,573.95
January	719.89	738.50	168.25	112.64	2,060.70	1,856.30
February	669.81	782.18	197.18	126.32	2,299.63	1,778.40
March	751.41	903.67	230.34	143.97	2,647.07	1,955.92
April	809.38	773.62	222.31	151.64	2,454.89	2,160.72
May	840.28	883.59	236.75	134.96	2,259.40	1,658.21
June	847.03	772.77	180.15	131.26	2,097.41	1,580.24
			$2,160.80 a 4.32		$27,363.04 a 2,603.70	
Total	$8,659.33	$9,071.46	$2,156.48	$1,539.09	$24,759.34	$21,646.77
	Increase	412.13 =4.7%	Decrease	617.39 =28.6%	Decrease	3,112.57 =12.5%
Mileage	29,750,340	36,076,109	38,986,884	44,712,514	304,180,194	341,206,743
	Increase	6,325,769 =21.2%	Increase	5,725,630 = 14.6%	Increase	37,026,549 =12.1%
Cost per M mi	29.16c.	25.14c.	5.531c.	3.442c.	8.139c.	6.344c.
	Dec. per M mi.	= 4.62c.	Dec. per M mi.	= 2.089c.	Dec. per M mi.	= 1.795c.
Dec. based on 1906-07 mi		$1,450.25		$934.04		$6,124.66
Total Dec. year 1906-07 vs. year 1904-05 (all classes) based on 1906-07 mileage						$8,508.95

a Cost of waste for 2 new postal and 2,050 new freight cars built July, '04, to Mar., '05, was included with waste for lubrication. (Cost estimated.)

OFFICE OF SUPT. OF MACHINERY,
Louisville, Ky., Jan. 14th, 1908.

THEO. H. CURTIS,
Supt. of Machinery.

DEFENDANTS' EXHIBIT 74.

LOUISVILLE & NASHVILLE RAILROAD CO.

Delays to passenger trains account hot boxes on locomotives and passenger cars, eleven months July, 1904, to May, 1905, as compared with eleven months July, 1906, to May, 1907.

	Year 1904–05.						Year 1906–07.					
	Locomotives.			Passenger cars.			Locomotives.			Passenger cars.		
	Number delays.	Hrs.	Min.	Number delays.	Hrs.	Min.	Number delays.	Hrs.	Min.	Number delays.	Hrs.	Min.
July	39	10	50	42	9	45	19	8	34	27	9	35
August	62	22	32	43	10	49	13	2	56	23	6	49
Sept	42	13	38	44	9	54	25	7	50	32	7	32
Octob	35	10	02	52	15	37	16	6	26	18	4	43
Novbr	48	13	14	42	11	51	[illegible]	2	50	16	5	56
Decbr	27	8	19	45	15	12	8	3	55	12	3	01
Jany	59	20	55	54	12	11	9	2	35	[illegible]	1	08
Feby	35	11	03	43	9	37	14	8	01	4	1	11
March	31	8	58	19	4	37	11	3	28	3		37
April	32	11	05	31	7	35	12	5	10	9	2	16
May	30	8	38	23	7	08	12	5	13	15	3	34
Total	440	139	14	438	114	16	148	56	58	167	46	22
Decrease 1906–07 vs. 1904–05							292	82	16	271	67	54
Per cent decrease							66%	59%		62%	59%	

OFFICE SUPT. MACHINERY,
Jany. 11, 1908.

THEO. H. CURTIS,
Supt. Machinery.

DEFENDANTS' EXHIBIT 75.

REPORT OF DELAYS TO TRAINS ACCT. OF MECH. DEPT. FAILURES.

August 1st, 1904.

No. 1 (30) 10 min. Worthville packing two boxes on postal #70 and a coach.
24 " LaGrange; same cause. 25 min. Cave City h. b. —P70.
10 " at Louisville putting two brasses in postal #70.
5 " on run, brassing sleeper Spencer.
45 " on run, pin on eccentric slipping and putting engine #268 on one side at Ft. Deposit.
1 hr. & 5 min. on run; acct. of hot truck engine #128.
No. 2 (30) 55 min. on run acct. of hot box, truck eng. #267.

DEFENDANTS' EXHIBIT 76.

DAILY TRAIN REPORT OFFICE OF THE SUPERINTENDENT OF TRANSPORTATION.

LOUISVILLE, KY., *May 2, 1908*

No. 1—Cinti to Bow-Green Ot, lft 1M lt mail, Arr Nash Ot, lft 3m lt weigh mail, 4m M&C Jct Southern block, Decatur 4m lt, 5m Reids get diner, 3m Bham US mail, 4m south end slow track, Arr Month 10m lt, lft 44m WRR, Mobile 40m lt, Arr New Orleans 33m lt

No. 37—Lft Monty 8m lt WRR, Mobile Ot, 18m Scranton by brass slpr Brandon, 4m Lake Catherine hot box same car, 6m Micheaud by No. 4, Arr New Orleans 17 m lt

No. 38—On time

No. 3—(30) Cinti to Nash Ot, lft 2m lt express, Decatur Ot, 3m south end slow track, Monty Ot, Mobile Ot, Arr New Orleans Ot

No. 2—(30) New Orleans to Nash Ot, 7m Mfs Jct 102, Arr Bow-Green 7m lt, 2m express, lft 9m lt, Lou Ot, Arr Cinti Ot

No. 4—(30) Lft New Orleans Ot, Mobile Ot, 1h 42m at Brewton acct breaking a valve on eng 160 and had to take 17's eng 152, had to back up to Georgiana and turn engine there, Monty 1h 42m lt, 4m south end slow track, Decatur 1h 28m lt, Arr Nash 1h 20m lt, lft 1h 18m lt, Bow-Green 1h 10m lt, Lou 1h lt, Arr Cinti 42m lt

No. 6—On time

No. 7—Lft Cinti Ot, Arr Lou Ot, lft 5m lt loading mail, Arr Bow-Green Ot, lft 2m lt 109, Arr Nash Ot

No. 8—Lft Nash Ot, Bow-Green Ot, 50m Bonnieville by eng 170 breaking eccentric and changing engine with 2nd 74, lost 27m acct eng 1197, Lou 1h 17m lt, Arr Cinti 1h 20m lt

No. 51—Lft E.St.Louis B&T, 15m Casky 94, Eville Ot, Arr Nash 10m lt

No. 53—Lft E.St.Louis Ot, 4m Belknap by 54, Arr Eville 4m lt, 3m transfer mail, lft 7m lt, Arr Nash Ot

No. 93—Lft E.St.Louis Ot, 5m Roundhouse cut diner ahead of sleeper, 5m North Howell block, Arr Eville 8m lt, lft 15m lt E&TH, Nash Ot

No. 52—On time

No. 54—Lft Nash Ot, Eville Ot, 6m Texas Conn, Arr E.St.Louis Ot

No. 92—Lft Nash 1h 18m lt N&D 4's conn, Eville 1h 8m lt, Arr E.St. Louis 37m lt.

No. 94—Lft Nash Ot, lost 6m on run, #.Jct 3m lt, 3m let off passengers and test air whistle, 3m Springfield acct brakes stuck on D&MN private car Grand Mars, 4m Slaughters sawby two freight trains 2m Robards start train, 2m Henderson bage, Arr Eville 17m lt

No. 95—3m spot mail cars, 5m transfer mail, lft Eville 8m lt, 4m Howell change engs, Arr Nash 2m lt

No. 101—Lft Bow-Green 9m lt mail, 8m McKenzie mail, 15m following 105 from Galloway to Aulon, 10m Aulon rule 88, Arr Memphis 28m lt

No. 102—Lft Memphis Ot, Arr Bow-Green 8m lt not accounted for,

No. 103—104—On time

No. 21—Lft Lou Ot, 5m Knob Lick picking up flag, pulling thru siding acct 55 broke down on main track, Sinks 5m lt, 3m London unload bage, 12m Fariston No. 34, 6m Lily No. 24, 8m Livn to Corbin slow orders, Arr Corbin 27m lt

No. 24—Lft Corbin Ot, 8m Lily No. 21, 6m Fariston 31, 5m Corbin to Livn slow track, Sinks 17m lt, Arr Lou Ot

No. 23—Lou Ot, 3m Mt Vernon bage, 9m Mt. Vernon meet No. 22, Sinks 12m lt, 5m Livn to Corbin slow track, Arr Corbin 14m lt

No. 22—Lft Corbin 10m lt MD Conn, 2m BU Cabin block No. 32, 8m Corbin to Livn slow track, Sinks 15m lt, Arr Lou Ot

No. 31—Lft Cinti 5m lt for chair car, 5m C. Covn run 2nd section, 22m Falmouth to Robinson and at Robinson acct eng 228 not steaming and cleaning front end, 13m Livn to Corbin slow track, Arr Corbin 32m lt, lft 25m lt, Knox Ot, Etowah Ot, Arr Atlanta Ot

No. 34—Atlanta to Corbin Ot, 5m Fariston No. 21, 10m London No. 31, Arr Cinti Ot

No. 33—Lft Cinti Ot, 3m Berea express, 8m Conway No. 32, 10m Livn to Corbin slow track, Arr Corbin 20m lt, lft 16m lt, Knox Ot

No. 32—Knox Ot, lost 10m acct engine 112 unable to make time, Corbin 10m lt, 9m Corbin to Livn slow track, 3m Livn orders, 18m Conway No. 33, Arr Cinti Ot

C. B. Phelps

DEFENDANTS' EXHIBIT 77.

NEW YORK CENTRAL & HUDSON RIVER R. R.

Locomotives.

	Year ending September 30, 1898.[b]	Year ending December 31, 1907.
Total number of locomotives in service[a]	853	1,886, inc., 121%
Total weight of locomotives in service (in pounds)	142,222,520	487,142,700, inc., 243%
Average weight of locomotives in service (in pounds)	166,732	258,248
Percentage of increase in average weight of locomotives		54.9%
Locomotive mileage, all services	32,949,479	60,500,808, inc., 84%

[a] All except locomotives reported for scrap or sale.
[b] Includes N. Y. C. and R., W. & O. only.

Cars.

	Fiscal year 1898.	Fiscal year 1907.
Total number of freight cars, commercial	38,035	66,447, inc., 75%
Company's service	850	4,029, inc., 37%
Total tons capacity of frt. cars, commercial	928,480	2,223,672, inc., 139%
Average tons capacity per car, commercial	24.38	33.46, inc., 37%
Increase average ton capacity per car		9.08
Maximum light weight freight cars	30 ton 33,100#	50 ton 38,900#, inc., 17%
Minimum light weight freight cars	15 ton 20,000#	20 ton 26,500#, inc., 32%
Freight ton mileage	5,014,190,846	8,560,830,831, inc., 70%

DEFENDANTS' EXHIBIT 78.

NEW YORK CENTRAL & HUDSON RIVER RAILROAD.

Statement showing cost of lubrication of locomotives.

	Year ending Sept. 30, '98.[a]	Year ending Dec. 31, '07.
No. of locomotives in service	853	1,886
Total weight of locomotives	142,222,520 lbs.	487,142,700 lbs.
Average weight of locomotives	166,732 "	258,248 "
Total cost of lubrication for locomotives, oil, & grease only	$77,540.30	$151,252.02
Cost of lubrication per ton weight	$1.09	.62
Locomotive mileage	32,949,479	60,500,808
Cost of lubrication per thousand miles	$2,353	$2.50

[a] Includes N. Y. C. and R. W. & O. only.

Cost of lubrication of cars.

	Fiscal year 1899.	Fiscal year 1907.
PASSENGER CARS.		
Passenger car mileage	94,200,336	125,510,037 inc. 32%
Cost, lubrication pass. cars	$37,702.08	$18,538.21 dec. 54%
Cost, M miles " " "	.40	.15 dec. 62%
FREIGHT CARS.		
Cost, lubrication freight cars	$39,633.64	$43,079.93 inc. 9%
Ton mileage	5,262,873,092	8,560,830,831 " 63%
Cost, lubrication, 1,000 tons hauled per mile	.008	.005 dec. 37%
Freight car mileage	632,275,334	738,713,718 inc. 17%
Cost, lubrication, per M miles, freight cars	.062	.058 dec. 6%

Cost per ton weight of locomotives for year ending Sept. 30, 1898	$1.09
Cost per ton weight of locomotives for year ending Dec. 31, 1907	.62
Decrease	.47 43%
Cost of lubrication per thousand locomotive miles for year ending Sept. 30, 1898	2.353
Cost of lubrication per thousand locomotive miles for year ending Dec. 31, 1907	2.50
	.147 6.2%
Cost of lubrication per thousand passenger car miles for year ending 1899	.40
Cost of lubrication per thousand passenger car miles for year ending 1907	.15
Decrease or increase	.25 dec.
" " "	.62%
Cost per thousand freight car miles year ending 1899	.062
Cost per thousand freight car miles year ending 1907	.058
Decrease	.004 6%

DEFENDANTS' EXHIBIT 79.

NEW YORK CENTRAL RAILROAD.

No. of cars having journals following size.	Fiscal year ended 1898.			Fiscal year ended 1907.		
	Passenger.		Frt.	Passenger.		Frt.
	4-wh. t.	6-wh. t.		4-wh.	6-wh.	
3¾ x 7	487	.....	27,429	139	.....	13,893
4¼ x 8	778	180	11,496	957	509	27,776
5 x 9	.....	.....	10	149	36	27,308
5½ x 10	.....	.....	.....	.....	.....	1,499

DEFENDANTS' EXHIBIT 80.

Form 12-12-1907. 150.

THE NEW YORK STEAM COMPANY,

140 Cedar street, New York.

We propose to furnish steam to

For the heating season of 1907–1908 { The heating season being understood to be that portion of the year during which the consumer may need heat,

but not earlier than Oct. 1st nor later than June 1st.

For the following purposes:

Heating the premises
~~Heating water for domestic purposes~~
~~Operating~~ ..... ~~elevator~~
~~Operating house pump~~

SUBJECT TO THE FOLLOWING RULES AND REGULATIONS:

That the engineers, inspectors, and other employees of the steam company upon showing authority shall, according to law, be at all times permitted to inspect the engines, pumps, traps, and other steam apparatus in use by the consumer and to take indicator cards, or by other means get records of the steam used.

The consumer is required to use the traps manufactured by this company on the discharge pipe and provide a suitable cooling coil to cool the water of condensation to 100 degrees Fahrenheit before entering the sewer, as provided in revised city ordinances of 1891.

That a steam meter may be placed on the premises at any time for recording the quantity of steam used.

That the engines, pumps, traps, and other machinery and apparatus shall be kept in first-class condition, as it is understood that the supply is furnished under these conditions, and that the consumer, upon receiving notice, will promptly make all needed repairs.

That the company assumes the care of only the service valve, service trap, and meter, and whenever any portion of the apparatus of the consumer may be cleaned or repaired by the company a charge will be made for the labor and materials.

That all steam pipe inside of service valve or meter in any way connected with the consumer's piping and not required for radiation will be properly insulated by the consumer; that all proposed new connections to be made with the pipes of the consumer or the apparatus of the said company on said premises are to be reported to said company beforehand, or this contract will become void; that provision for taking care of the return water and all condensation is to be made by the consumer of steam; that all bills are to be paid monthly within five days after presentation unless otherwise specified; that the

company reserves the right to shut off steam on the failure to pay bills for steam, or for work done and material furnished, five days after presentation, or upon failure of the consumer or his employees to carry out in good faith the provisions of this contract with the company. That the consumer will immediately notify the company in writing of any changes in conditions of service or hours of operation.

That when a deposit has been made to secure payment for a supply of steam, steam may be shut off when the amount of said supply equals the amount of said deposit without further notice to the consumer.

That the company does not guarantee an uninterrupted supply of steam, but confidently expects to maintain a steady pressure, except when interruptions may occur through strikes, casualties, or other conditions beyond its control, and except during the time required for occasional necessary repairs.

That the consumer will grant full facilities to the company to remove all of its apparatus, pipes, and appliances, as above specified, when the supply of steam is discontinued.

That in consideration of the price named the consumer will exercise the same care and economy which he would if the steam were made on the premises and that steam will be shut off from rooms and apparatus not in use.

Price: Three hundred ($300.00) dollars.

Payable: $150.00 December 1st, 1907, and $150.00 February 1st, 1908.

THE NEW YORK STEAM COMPANY,
By ——— ———,
General Manager.

Accepted: ——— ———.
Sign here.

On the back of this form is printed the following:

THE NEW YORK STEAM CO.
PROPOSAL
for the
SUPPLY OF STEAM
for
.....
No.....Street.
Date.....190

Memoranda:

Credit approved.
By.....
By.....
Entered.....Eng.
.....B'keeper.

DEFENDANTS' EXHIBIT 81.

Form 12—9—1907. 500 (Copy.)

THE NEW YORK STEAM COMPANY,

140 Cedar street, New York.

October 15, 1907.

We propose to furnish steam to New York Clearing House, #77–79 Cedar street, New York City, for the year beginning November 15, 1907, and terminating November 15, 1908.

FOR THE FOLLOWING PURPOSES:

Heating the premises #77–83 Cedar street by exhaust steam as far as possible, supplemented by live steam when absolutely necessary. ~~Heating water for domestic purposes.~~

Operating elevator, Ball and Wood (electric) 11 x 12, 10 hrs. per day.

Operating house pump, Worthington duplex, 10 x 15 x 10, 24 hrs. per day.

Operating Worthington duplex pump, 6 x 4 x 6 on returns of heating system; Worthington duplex pump 6 x 4 x 6 on the returns; Worthington duplex pump, 6 x 4 x 6; Ball & Wood electric light engine 12 x 12, 10 hrs. per day; Porter Mfg. Co. blower engine, 10 x 11, 10 hrs.; and ejector ¾″ outlet on hot well.

SUBJECT TO THE FOLLOWING RULES AND REGULATIONS:

That the engineers, inspectors, and other employees of the steam company, upon showing authority, shall, according to law, be at all times permitted to inspect the engines, pumps, traps, and other steam apparatus in use by the consumer, and to take indicator cards, or by other means get records of the steam used.

That the traps manufactured by the company are to be used on all discharge lines, and these traps are to be sold to the consumer at cost.

That a steam meter may be placed on the premises at any time for recording the quantity of steam used.

That the engines, pumps, traps, and other machinery and apparatus shall be kept in first class condition, as it is understood that the supply is furnished under these conditions, and that the consumer, upon receiving notice, will promptly make all needed repairs.

That the company assumes the care of only the service valve, service trap, and meter, and whenever any portion of the apparatus of the consumer may be cleaned or repaired by the company a charge will be made for the labor and materials.

That all steam pipe inside of service valve or meter in any way connected with the consumer's piping and not required for radiation will be properly insulated by the consumer; that all new connections to be made with the pipes of the consumer or the apparatus of the said company on said premises are to be reported to said company beforehand, or this contract will become void; that provision for taking care of the return water and all condensation is to be made by the consumer of steam; that all bills are to be paid monthly within five days after presentation, unless otherwise specified; that the company reserves the right to shut off steam on the failure to pay bills for steam, or for work done and material furnished five days after presentation or upon failure of the consumer or his employees to carry out in good faith the provisions of this contract with the com-

pany. That the consumer will immediately notify the company in writing of any changes in conditions of service or hours of operation.

That when a deposit has been made to secure payment for a supply of steam, steam may be shut off when the amount of said supply equals the amount of said deposit without further notice to the consumer.

That the company does not guarantee an uninterrupted supply of steam, but having unusual facilities therefor confidently expects to maintain a steady pressure at all times except during the time required for occasional necessary repairs; that the consumer will grant full facilities to the company to remove all of its apparatus, pipes, and appliances as above specified when the supply of steam is discontinued in accordance with the proposition and acceptance.

That in consideration of the price named the consumer will exercise the same care and economy which he would if the steam were made on the premises, and that steam will be shut off from rooms and apparatus not in use.

Price: Forty-three hundred and eighty-three ($4,383.00) dollars.

Payable: October 15th to April 15th, $430.50 per month, and April 15th to October 15th, $300.00 per month.

This proposal is made on an estimated annual consumption of steam as shown by the meter of 11,780,000 lbs. and a rebate will be made at the termination of the contract at the rate of 30 cents per 1,000 lbs. of steam saved, as shown by the meter records.

It is understood and agreed that this contract may be terminated at any time by either party on thirty days' written notice.

THE NEW YORK STEAM COMPANY.

By ——— ———,

General Manager.

Accepted: ——— ———.

(Sign here.)

On the back of this form is printed the following:

THE NEW YORK STEAM CO.

Proposal

for the

supply of steam

for

.....

.....

No ..... street

Date ..... 190..

Memoranda:

Credit approved.

.....

By .....

By .....

Entered ..... Eng.

..... B'keeper.

DEFENDANTS' EXHIBIT 82.

Brought forward..

No. 292. HYANNIS, MASS., *Jan. 13, 1906.*

Name, W. H. Snow.
Address, Orleans.

Bought of Standard Oil Co. of N. Y.

BOSTON DEPARTMENT.

20 gals. Water White oil.....at 11½.. 2 30
.. gals. stove gasoline (naphtha).....at .....
.. gals.....at .....
Rec'd payment, R. W. Eldridge, driver.
Received by Wm. H. Snow.
Naphtha and gasoline not sold for illuminating purposes in buildings.

No. 293. B HYANNIS, MASS., *Jan. 13, 1906.*

Name, J. H. Sparrow.
Address, Orleans.

Bought of Standard Oil Co. of N. Y.

BOSTON DEPARTMENT.

75 gals. Water White oil.....at 11½.. 8 63
.. gals. stove gasoline (naphtha).....at .....
.. gals.....at .....
Rec'd payment, R. W. Eldridge, driver.
Received by ———.
Naphtha and gasoline not sold for illuminating purposes in buildings.

No. 294. B HYANNIS, MASS., *Jan. 13, 1906.*

Name, H. F. Foster.
Address, East Brewster.

Bought of Standard Oil Co. of N. Y.

BOSTON DEPARTMENT. 6 33

55 gals. Water White oil.....at 11½.. .....
.. gals. stove gasoline (naphtha).....at .....
.. gals.....at .....
Rec'd payment, R. W. Eldridge, driver.
Received by H. F. Foster.
Naphtha and gasoline not sold for illuminating purposes in buildings.

10423—2090 Pads.

150 Carried forward.. 17 26

DEFENDANTS' EXHIBIT 83.

Is an oil can. See Record, page 746, vol. 12.

DEFENDANTS' EXHIBIT 84.

Is an oil can. See Record, page 746, vol. 12.

DEFENDANTS' EXHIBIT 85.

Town.	Division.	Station supplied from—	Station price.	Town price.	Exhibit 650 price.
1. Conklingville (20½ mile haul; commission point; small gallonage; extra freight.)	Albany	Northville	11	12	12
2. Ellenburg Center (10 mile haul; northern point; long winter; extra freight; small gallonage.)	Syracuse	Cherebusco	11	11½	11½
3. White Store (12 mile haul; commission point; roads hilly and bad.)	Binghamton	New Berlin	10½	11	11
4. Shokan (¾ mile haul; commission points; small towns; long distances.)	Albany	West Shokan	11½	11½	10½
5. Fish's Eddy	Albany	No tank wagon service; no records			10½
6. Osborne Bridge					10½
7. Millbrook (14 mile haul Plymouth Mt.; commission point; extra freight.)	N. Y. City	Dover Furnace	11	11½	10
8. Margaretville (3 mile haul, mountainous district; small output; commission point; extra freight.)	Albany	Arkville	11½	11½	10
9. Lake George (9 mile haul over mountainous, sandy road; extra freight.)	Albany	Glens Falls	11	11½	10
10. Alexandria Bay (12 mile haul, bad road; small gallonage; extra freight.)	Syracuse	Theresa	11 to 11½	11½	10
11. Fleischman (4 mile haul, mountainous district; small gallonage; extra freight; commis. point.)	Albany	Arkville	11½	11½	10
12. Ashland (10 mile haul, Catskill Mts.; commission point; extra freight.)	Albany	Hunter	12	12	10
13. Plattekill (9 mile haul, hilly district; ext. equipment.)	Albany	Newburg	11	11	9½
14. Champlain (5 mile haul; fair roads; commission point; extra freight.)	Albany	Rouses Point	11	11	9½
15. Cannonsville (8 mile haul, mountainous district; small gallonage; 3 horses year round.)	Binghamton	Deposit	10½	11	9½
16. Cherry Valley (Mountainous district; small gallonage; extra freight.)	Binghamton	Cherry Valley	11	11	9½
17. Callicoon (Surrounding country mountainous; high commission.)	Binghamton	Callicoon	10½	10½	9½
18. East Nassau (See Chatham.)	Albany	Chatham	11	11	9
19. Glens Falls (Very small gallonage; additional freight.)	Albany	Glens Falls	11	11	9
20. Rotterdam Junction (9 miles haul, bad roads at times; small gallonage.)	Albany	Schenectady	10½	11	9
21. Spring Glen (5 mile haul; small gallonage.)	Albany	Ellenville	10½	10½	9
22. Pattersonville (12 mile haul; small gallonage.)	Albany	Schenectady	10½	11	9
23. Akron (Nearer Buffalo refinery.)	Buffalo	Medina	10	10	9
24. Auburn (Population 30,000; nearer Buffalo.)	Syracuse	Auburn	10	10	9
25. Chatham (Extra freight.)	Albany	Chatham	11	11	9
26. Chatskill (Mountainous district; small gallonage; commission point.)	Albany	Catskill	11	11	9
27. Ballston Spa (7 mile haul; extra freight; small intermittent gallonage.)	Albany	Saratoga	11	11	8½
28. Amsterdam (Population 25,000; smaller gallonage than Albany.)	Albany	Amsterdam	10½	10½	8½

Town.	Division.	Station supplied from—	Station price.	Town price.	Exhibit 650 price.
29. Troy	Albany	Troy	10	10	7½
30. Albany	Albany	Albany	10	10	7
31. Cambridge (11 mile haul, mountainous road; small output; commission point; extra freight.)	Albany	Salem	10½	11	11
32. Salem (Mountainous district; small gallonage; extra freight.	Albany	Salem	10½	10½	11

DEFENDANTS' EXHIBIT 86.

TROY, N. Y., *Jan. 24, 1905.*

TIONA OIL COMPANY,
Troy, N. Y.

GENTLEMEN: In accordance with agreement made today, between our respective companies, you will please enter our order for, and start delivering at once, our supply of kerosene oil for our various stores in Troy and vicinity, as named below, for a period beginning today and continuing until September 1st, 1905, at the net price of seven and one-half (7½) cents per gallon, delivered in our tanks.

Should the market take a downward course, the above price is to hold until the market falls below seven and one-half cents, and thereafter the price is to be on a sliding scale, of one cent discount off the regular market price, whatever that market price may be.

The stores to be supplied are located at:
#593 Second avenue, Lansingburg.
Broad street, Waterford.
#27 White street, Cohoes.
Market & George sts., G. I.
Madison & Second, S. Troy.
Jacob & Fifth, Troy.
Ingalls & Sixth, N. Troy.

DEFENDANTS' EXHIBIT 87.

45897

STANDARD OIL COMPANY OF NEW YORK,
SPRINGFIELD STATION,
Springfield, Mass., 4/12/05.

George Tuthill, ~~Agent.~~
Mr. P. M. WATT,
Providence, R. I.

DEAR SIR: Mr. Hodgkins reports this morning as follows: "Mr. Hisgen was in Easthampton yesterday canvassing the town. Said he was going to send his wagon up there next week and offered to sell the large store of Mansfield & Roberts at 7½. Some of the others he offered to sell at 8c."

He can not be doing this for a profit, but merely trying to break our price. I would advise maintaining our price, and when he finds out it don't disturb us, he will get tired of the 18-mile trip and quit.

Yours, truly,

GEO. TUTHILL.

Pencil notation at top of letter:
"To E. Halsey,
4/13/05."

DEFENDANTS' EXHIBIT 88.

Marked for identification.

DEFENDANTS' EXHIBIT 89.

THOMAS L. HISGEN, Prest.
GUS HISGEN, Vice-Prest.

HENRY A. HISGEN,
GEORGE C. H , Treas.

HISGEN BROTHERS,
Proprietors of 4 Brothers Axle Grease Co.
Brothers Independent Oil Co.

ALBANY, N. Y., U. S. A., *November* 1 96.

DEAR SIR: Having received the nomination for Congres / the Independence League and the Democratic parties I wish state, if elected to this high and honorable office I shall repre this district to the best of my ability.

Thanking you for any support you may extend to me, I

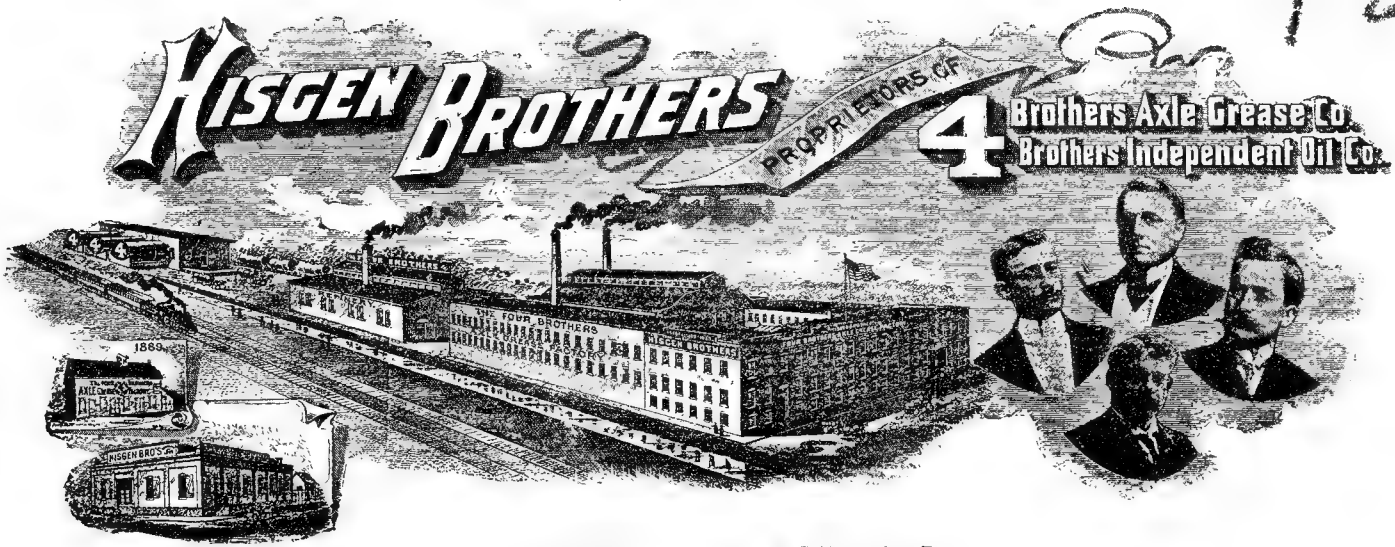
Yours, respectfully,

GEO. C. H N.

DEFENDANTS' EXHIBIT 89.

12

THOMAS L. HISGEN, PREST. GUS. HISGEN, VICE-PREST. HENRY A. HISGEN, SECY. GEORGE C. HISGEN, TREAS.



ALBANY, N.Y., U.S.A. November 1, 1906.

Dear Sir:

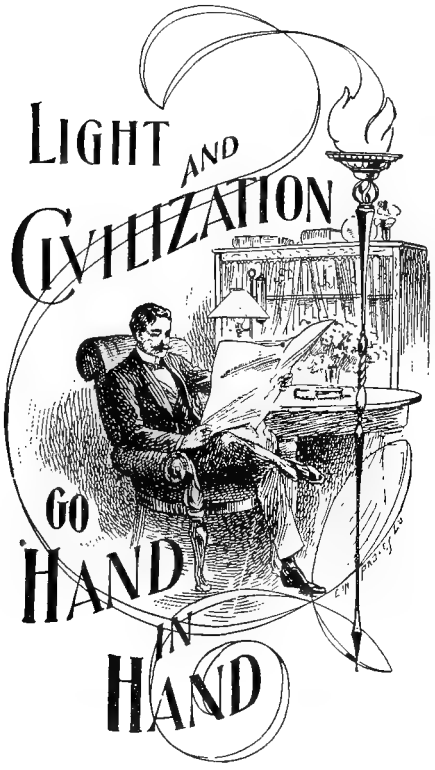
Having received the nomination for Congress by the Independence League and the Democratic parties, I wish to state; if elected to this high and honorable office, I shall represent this District to the best of my ability.

Thanking you for any support you may extend to me, I am,

Yours respectfully,

Geo. C. Hisgen

DEFENDANTS' EXHIBIT 90.



THE BEST LIGHT

can be secured by giving attention to the following points, as a good oil carelessly or ignorantly used will not give a satisfactory light.

An important requisite of a good light is a

GOOD LAMP,

one with a wide, shallow bowl, so that the oil need not rise far to reach the flame. There are many that will suit your fancy. Buy a good one. Its care is just as essential. It should be completely emptied and cleaned at least once a month, and filled every day.

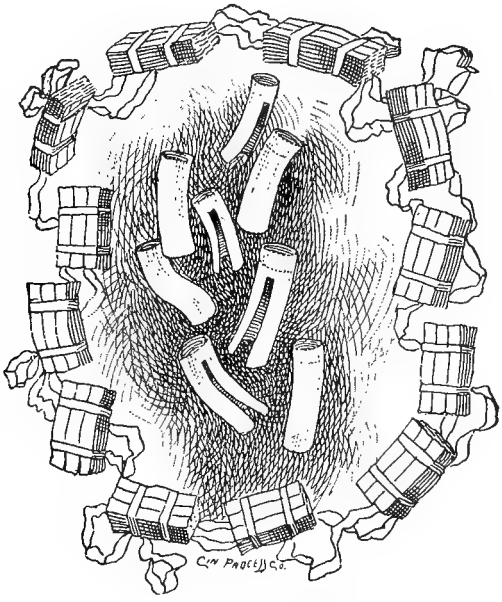
THE WICK.

A wick is a pump to carry the oil from the lamp bowl to the flame. The wick acts as a syphon pump. It will in time become dirty and clogged and unable to perform its work. Unless a proper quantity of oil is delivered by the wick to the top of the wick tube, an unsatisfactory or poor light results and this even from the very best grade of oil in the market. Put in a new wick once every month; use the

best wick you can get, one soft and loosely woven. Wicks are so cheap that the expense will be trifling. Wicking sold by the yard never gives good results. It is an inferior quality.

HOW TO TRIM A WICK.

Do not scrape it; this fills the burner with dirt. Cut it evenly across the top and slightly round the corners. Trim it every day. Never splice or piece a wick. A short piece of wick pinned or even sewed to another piece of wick or flannel has never secured good results in the way of light.



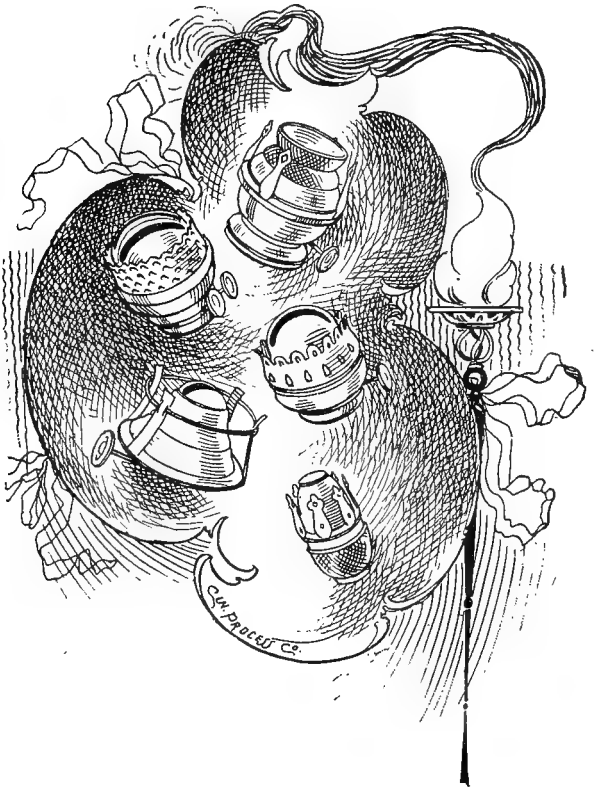
THE BURNERS

must be of good make. Cheap ones will only annoy.

The wick tube should be large enough to permit an easy movement of the wick up and down; if the wick is too large for its tube the pressure on it decreases its lifting power, and checks the flow of oil to the flame, thus diminishing the light.

Boil your burners once a month in a solution of hot water and washing soda, to clean out the air vents.

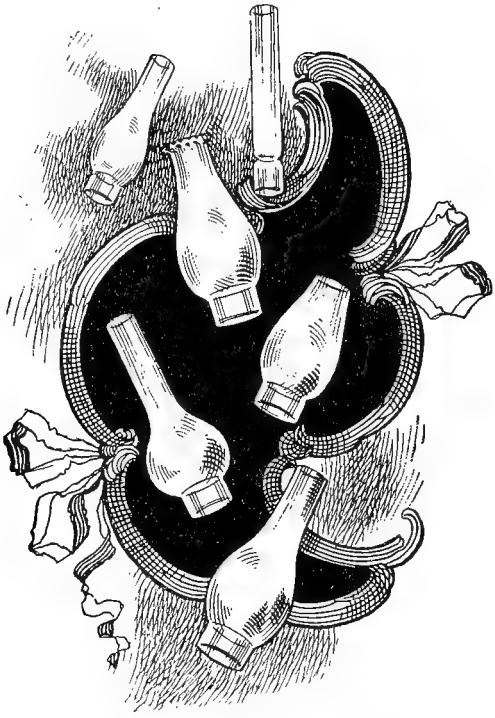
Dry thoroughly before using.



CHIMNEYS

should fit the burners and be smooth and even on the bottom. Then no draught can get under the edge of the chimney and cause the flame to smoke. Select the proper one for your lamps.

This is important.



HOW TO LIGHT AND PUT OUT A LAMP.

The flame should not be turned up to its full height when a lamp is first lighted; allow it to remain low until the burner and chimney are warm, then turn the light to the desired height.

Do not blow out a light. Turn the wick down until the light goes out, and leave wick in that position until the lamp is needed again. This prevents oil from gathering upon the outside of a burner. The presence of oil on the outside of a burner is sure to produce an unpleasant odor, particularly when relighted.

Have ever you been in a

LIGHT-HOUSE

and observed the scrupulous care taken of the lights? The lamps and lenses are cleaned and polished daily, and the results are shown at night in the clear, strong light flashed o'er many a mile of sea.

Emulate the light-house keeper, and clean your lamps daily.

THEN:

With the right lamp—a wide, shallow bowl;
The correct wick—smooth and soft, and one that fits;
A good burner—not the cheap kind;
A clear chimney—made for the burners you use;
and cleanliness—the final requisite to a perfect light for home use is

FIREPROOF OIL,

in your lamp.

FIRE PROOF OIL,

Made from the best crude petroleum Refined by modern scientific methods by skilled chemists at our own works. Tested by a rigid formula that allows no deviation from a fixed standard. Distributed with care in tank cars, by tank wagons, and in barrels.

The entire process from the wells through us to you denotes an extreme care, resulting in a complete product satisfactory wherever used.

Manufactured only by

Standard Oil Company.

Incorporated.

DEFENDANTS' EXHIBIT 91.

Points on Lamps.

HOW TO SECURE THE BEST LIGHT.

TAKING CARE OF LAMPS.

Fill daily, so that the reservoir may be nearly full when the lamp is lighted.

Do not fill too full; allow a little room for expansion when the oil begins to warm up, and so prevent it from running over the top or creeping up on the burner.

BURNERS.

Keep them clean.

The common cause of odor from lamps, is the clogging of the tiny air holes at the base of the burner under the cap and the crust which forms at the top of the wick tube.

These openings must be kept free because they supply the air without which there cannot be proper combustion.

If the air passages become clogged and greasy, the flame will fall and emit an unpleasant odor.

Gummed and clogged burners can be easily cleaned by boiling a few minutes in sal soda and water.

WICKS.

Have a good wick and be sure it fits. It should just fill the tube without crowding and be long enough to reach the bottom of the lamp.

The "American" wick is the best.

If the wick needs to be trimmed, *do not scrape it off*, as is commonly recommended. This injures the wick, fills the burner with soot, clogs the air passages, and causes a disagreeable odor.

Trim the wick daily, cutting off the burned portion evenly across the top with sharp scissors and also slightly at the corners.

Wicks should be replaced once a month, or as soon as they become dirty.

It is not economy to use long wicks, or buy wick by the yard.

To light the lamp do not turn the wick above opening in the cone.

When first lighted, do not turn up the flame to its full height.

In extinguishing the lamp, blow sharply across the chimney.

See that the wick of the lamp not in use is below the level of the wick tube. This prevents oil from creeping up over the burner.

With the above precautions, a lamp can be kept clean and free from odor, and by using FIRE-PROOF OIL you will always secure a perfect light.

Standard Oil Company.
Incorporated.

DEFENDANTS' EXHIBIT 92.

(Copy.)

Pleas before the Hon. T. N. Green, one of the judges of the Tenth Judicial Circuit of the State of Illinois and sole presiding judge in and for the county of Tazewell in the State aforesaid, at a term thereof begun and held at the court-house in the city of Pekin in said county and State on the 2nd Monday (being the 11th day) of the month of September, A. D. 1905.

Present: Hon. T. N. Green, judge, Robert Clay, sheriff, Charles Schaefer, State's attorney, Wm. A. Potts, master in chancery.

Attest: R. V. Howe, Clerk.

Court met pursuant to law at 10 o'clock a. m., when the following, among other proceedings, were had and entered of record as follows, to wit:

And afterwards, to-wit: On October 14th, A. D. 1905, the same being one of the days of the regular September term of said court, the following order was entered in said court in said cause as follows, to-wit:

THE PEOPLE
vs.
GUY B. TAYLOR AND
Crittenden T. Collings. } Subornation of perjury.

And now on this day upon motion made herein by Charles Schaefer, State's attorney, it is ordered by the court that this cause be and the same is hereby nolle prossed, and the same is hereby stricken from the docket.

And afterwards, to wit: on December 2nd court adjourned until court in course.

CERTIFICATE.

STATE OF ILLINOIS, *Tazewell County, ss.*

I, R. V. Howe, clerk of the Circuit Court, in and for the county of Tazewell and State aforesaid and keeper of the seals, records and files of said office, do hereby certify that the above and foregoing is a true copy of the last order rendered in a certain cause wherein The People of the State of Illinois was plaintiff, and Guy B. Taylor and Crittenden T. Collings were defendants.

In witness whereof I have hereunto set my hand and seal of said court at Pekin, Illinois, the 18th day of January, A. D. 1906.

R. V. HOWE,
Circuit Clerk.

Circuit Court of
Tazewell County.
SEAL
Illinois.

DEFENDANTS' EXHIBIT 92½.

"HILL TOP,"
New Albany, Ind., Apr. 4, 1908.

Capt. P. S. MORRIS,
New Orleans, La.

My DEAR SIR: I guess you will be surprised to hear from me. Yesterday I received the enclosed paper from a friend in Mobile, and I naturally feel very much wrought up over it. Above all things I hate newspaper notoriety, and think this is the limit.

Somehow I feel that we ought to know the author of all this mess and make the Register Co. print a denial of same. I feel that it would only be justice to both myself as former owner of the People's Oil Co. and to the Standard Oil folks as well.

You have always advised me for the best, and I'm writing you now for your candid opinion as to what would be best to do in this matter.

Would you mind writing the paper a denial that I was indebted to the Standard and forced out of business—and if you think that I ought to say anything would you please word it for me.

Kindly return the clipping and tell me if you have any idea who the former Standard man was. I suspect E. S. Moore. If we both make a denial I would like for them to appear in the same copy. I hate for all my friends to think I'm "busted," for I was never better off financially than when I sold, and owed no man a penny either.

I'm sending you this to your address as I last knew it in N. O.

Trusting to hear from you soon, I remain as ever, yours sincerely,

SUDIE P. WILSON.

DEFENDANTS' EXHIBIT 93.

Is incorporated in record, at page 9368.

DEFENDANTS' EXHIBIT 94.

High Fire Test Illuminating Oils
Deodorized Benzine
Glue

NORTH CAROLINA OIL COMPANY
MANUFACTURERS
PETROLEUM PRODUCTS

High Fire Test Filtered Cylinder, Engine, Dynamo, and Spindle Oils.

AXLE GREASE, LUBRICATING COMPOUNDS, AND BOILER SOLVENTS.

HIGH POINT, N. C., *June 1st–07* 190

Req. No. .....
Order No. .....
Terms F. O. B. High Point.

Sold to Grace Furn. Co., Salisbury, N. C.

110 gal. Benzine @ .121/2	13.75
Drum	10.00
	23.75

Grace Furniture Co.
PAID
Jun 10 1907
Salisbury, N. C.

DEFENDANTS' EXHIBIT 95.

FREIGHT BILL. Form 1888

Consignee: Grace Fur. Co. Station: .....
St. address..... Pro Number
Destination: ..... 558. Date: 6–5, 1907

To Southern Railway Company, for transportation charges on articles way-billed from High Point, N. C., via

Date of way-bill. 6–1–1907.	Articles and marks.	Weight.	Rate.	Charges and freight.
Number of way-bill: 86 Car initials: Sou. Car number: 26026	1 dr. benzine.....	800	18	1.44
Consignor, Connecting line reference, original car and way-bill number and point of shipment.				
	Received payment..... 190.....			.....
	..... *Agent.* Drayage.....			.....
	Per .... *Cashier.* Total to collect.....			.....

16041 G. M. Co.

The following rubber stamp appears on this freight bill:

Southern Railway Co.
P A I D
Jun 8 - 1907
A. Buford, Agent,
J. W. Phillips, Cashier

DEFENDANTS' EXHIBIT 96.

The Perfect Light.

Red "C" Oil. White "C" Oil.

Transportation Company's receipt for shipment in good order ends our responsibility.

WM. H. FEHSENFELD, President.
L. H. FEHSENFELD, Vice-President.
SAM'L F. SANDERS, Sec'y and Treas.

BALTIMORE, *April 13, 1906.*

The Red "C" Oil Manufacturing Co. Baltimore, Md.

Pay no money to agents without our authority.

Hickory Furniture Co., Hickory, N. C., Bought of THE RED "C" OIL MFG. CO.
Incorporated 1878. Petroleum and its Products,
Works: 206 Hanover street.
Highlandtown, Md.
Terms: 60 Days.

Barrels.		Gallons.	Barrel price.	Bulk price.	Amount.	Total.
.....	3 drums deod. benzine 105 105 105.....	315	.....	13½	.....	42.53

E 5/21/06.

In car to Shell Grain & Feed Co.
Freight paid to Hickory, N. C.
Shipped via ———. Marked ——— from warehouse at ———.

Send us your empty barrels. We always pay highest market price for them.
We are independent of any trust or monopoly.

The following rubber stamp appears upon this invoice:

PAID
May 21, 1906
Hickory Fur. Co.,
——— Treas.

The following appears upon the back of Defendants' Exhibit 96:

We sell . . .

Burning oils.
Benzine and gasolines.
Machinery and dynamo oils.
Spindle, loom, and wool oils.
Lubricating and cylinder oils.
Animal and fish oils.
Tar and candles.
Miscellaneous oils.
Paraffine wax and tallow.
Monarch harvester oil.
Harness oil and dressing.
Dustless floor oils.
Cycle lamp oil and lubricant.

Century coach axle oil.
Sewing machine oil.
Axle grease and cup grease.
Petrolina and petroleum jelly.
Oil and gasoline tanks, shipping cans.
Ready-mixed paints, rubber paints.

Painters' supplies.
- White lead and putty.
- Varnishes, japans, dryers.
- Brushes, dry colors.
- Colors ground in oil.
- Linseed oil and turpentine.

PLEASE WRITE FOR PRICES.

DEFENDANTS' EXHIBIT 97.

W. C. HEATH, President. T. J. PAYNE, Manager.
C. W. KOCHTITZKY, Secretary.

PIEDMONT BUGGY COMPANY.

PIEDMONT SPECIAL
Medium Grade.

BLACK DIAMOND
High grade.

Wholesale Manufacturers.
High Grade Vehicles.

MONROE, N. C., *May 24th, 1906.*

30 days or less 1% for cash in 10 days.

Piedmont Buggy Co., bought of the Red "C." Oil Mfg. Co.

	Gals.	Price.	Total.
1 drum D. S. gasoline	108	15	$16.20
Delivered Jan. 30th, 1907.			
	Gals.	Price.	Total.
2 drums D. S. gasoline	150		
	150 300	15½	$46.50
Delivered			

I do hereby certify that the above invoice is correct as to price, dates, and quantity.

PIEDMONT BUG. CO.,
Per T. J. PAYNE.

DEFENDANTS' EXHIBIT 98.

Form S-013-4995.

Order No. .....
Date: 4/20, 1907.

STANDARD OIL COMPANY,

Wilmington, N. C., station.

Name: C. N. Simpson, jr.
Shipping point: Monroe, N. C
Post-office: .....
Business: Druggist.
Ship via: .....
Date to be shipped: At once.
One drum gasoline.
Delivered at 18½ cts.
Party to pay return charge on mtys. to Richmond.
Above prices are f. o. b.
Purchaser sign here: C. N. Simpson, jr.
Salesman sign here: J. H. Boyd.

DEFENDANTS' EXHIBIT 99.

Agents are not allowed to make collections without written authority.

Established 1832.
Incorporated 1901.
High grade
cylinder,
engine, dynamo,
and
spindle oils,
lubricating
oils and greases.

BALTIMORE, *Aug. 1st, 1906*

Harper Furniture Co., Lenoir, N. C., bought of Wm. C. Robinson & Son Co., Oils, No. 336–342 North St.

Terms: 30 days net.
Your order No. ------

3 drums benzine:
3/105, 315 gals., @ 14½ net..... 45.68
3 drums, @ 8.00..... 24.00
——— $69.68

E No B/L

Pd
Sep 18 1906

Shipped by S. A. L. Freight prepaid.

DEFENDANTS' EXHIBIT 100-A.

All tickets must be accounted for—Spoiled tickets and duplicate must be returned with daily report.

Always get purchaser's receipt for goods delivered, and sign your name IN FULL for money received.

DEC. 28TH, 1904.

P. J. Schnitzler, Lorain, bought of Columbia Refining Co.

Terms cash.

No. D 19106.

			Dollars.	Cents.
.... gallons White Rose oil	@			
40 gallons Water White oil	@	8	3.	20
.... gallons Snow Flake oil	@			
.... gallons ———	@			
20 gallons D. S. gasoline	@	10	2.	00
			5.	20

Goods received.
P. J. SCHNITZLER,
Purchaser.

Received payment.
COLUMBIA REFINING CO.,
By E. L. HUNTER.

DEFENDANTS' EXHIBIT 100-B.

All tickets must be accounted for—Spoiled tickets and duplicates MUST be returned with daily report—Deliver yellow ticket to customer—Return white ticket with daily T. W. report.

Always get purchaser's receipt for goods delivered, and sign your name IN FULL for money received. Money received for cash sales MUST be remitted with cash report on day sale is made.

LORAIN, *12/31, 1904.*

A. L. Hill, Storeman 2, bought of Standard Oil Company.

Use Mica Axle Grease.

Terms cash.

No. 41623

PAY DRIVER.

To avoid mistakes, see that you receive the quantity you pay for, and that duplicate ticket corresponds.

KEEP THIS RECEIPT ON FILE.

Gasoline not sold for illuminating purposes in houses.

TANK WAGON DELIVERY.

			Dollars.	Cents.
.... gallons .... White oil	@			
50 gallons Albaine oil	@	9½	4.	75
.... gallons Eocene oil	@			
10 gallons DS gasoline	@	10	1.	00
.... gallons———	@			
			5.	75

Goods received.
A. L. HILL,
Purchaser.

Received payment.
STANDARD OIL COMPANY,
By MILL, *Driver.*

Form 08 14863.

DEFENDANTS' EXHIBIT 100-C.

All tickets must be accounted for—Spoiled Tickets and Duplicates MUST be returned with Daily Report. Deliver Yellow Ticket to Customer—Return White Ticket with Daily T. W. Report.

Always get purchaser's receipt for goods delivered, and sign your name IN FULL for money received. Money received for cash sales MUST be remitted with cash report on day sale is made.

LORAIN, *1/3 05.*

A. L. Hill, Lorain, bought of Standard Oil Company.

No. 41635

Use Mica Axle Grease.

Terms cash.

PAY DRIVER.

To avoid mistakes, see that you receive the quantity you pay for, and that duplicate ticket corresponds.

KEEP THIS RECEIPT ON FILE.

Gasoline not sold for illuminating purposes in houses.

TANK WAGON DELIVERY.		Dollars.	Cents.
.... gallons .... white oil	@....	.....	
40 gallons Albaine oil	@ 9½	3.	80
.... gallons Eocene oil	@....	.....	
.... gallons DS gasoline	@....	.....	
.... gallons	@....	.....	

Goods received,

A. L. HILL,

Purchaser.

Received payment,

STANDARD OIL COMPANY,

By F. ANDRESS, *Driver.*

Form 08—14863.

DEFENDANTS' EXHIBIT 100-D.

All Tickets must be accounted for. Spoiled Tickets and duplicate must be returned with daily report.

Always get purchaser's receipt for goods delivered, and sign your name IN FULL for money received.

LORAIN, O., *1/4, 1905.*

A. L. Hill bought of Columbia Refining Co.

Terms cash.

No. D 19146

			Dollars.	Cents.
---- gallons White Rose oil,	@	----	----------	------
50 gallons Water White oil,	@	8	4.00	
---- gallons Snow Flake oil	@	----	----------	------
---- gallons	@	----	----------	------
---- gallons D. S. gasoline	@	----	----------	------
			4.00	

Goods received:

A. L. HILL,
Purchaser.

Received payment,

COLUMBIA REFINING CO.,
By DRESCHE.

DEFENDANTS' EXHIBIT 100-E.

[Matter printed in black type was in red ink in original.]

All tickets must be accounted for. Spoiled tickets and duplicate must be returned with daily report.

Always get purchaser's receipt for goods delivered, and sign your name IN FULL for money received.

LORAIN, O., *1/4, 1905.*

Geiger & Ingraham, Bought of Columbia Refining Co.

No. D 19145.

Terms cash.

Lorain (W. W. 9½
(Gas 10.

			Dollars.	Cents.
.... gallons White Rose oil,	@	....	.....	
70 gallons Water White oil,	@	8	5. 60	
.... gallons Snow Flake oil,	@	....	.....	
.... gallons	@	....	.....	
15 gallons D. S. gasoline,	@	10	1. 50	
			7. 10	

Goods received,

GEIGER & INGRAHAM,
Purchaser.

Received payment,

COLUMBIA REFINING CO.,
By DRESCHE.

DEFENDANTS' EXHIBIT 101-A.

STANDARD OIL COMPANY
OF OHIO
Refined Oils and
Gasolines
Candles, lubricating oils
and greases.

SPECIALTIES.

Standard floor dressing.
Standard furniture polish.
Favorite sewing machine oil.
Electric cycle oil.
Ruddy harvester oil.
Boston coach axle oil.
Refined paraffine.
Thresher hard oil.
New York carriage grease.
Excelsior cheese coating.
Petrolatum.
Standard hoof oil.
Vegetable castor oil.

CLEVELAND STATION.
S. T. CURTIS.

CLEVELAND, O., *Sept. 4th, 1902.*

Mr. S. T. CURTIS, *City Office.*

DEAR SIR: I give you below a list of dealers who have been offered cut prices by the Columbia since Aug. 28th, 1902.

M. Grossman, 917 Payne. Columbia offered W. W. oil for 6½c. and gaso 9. J. Knizek, 813 Quincy. Columbia offered oil at 6½ and gaso at 9c. Stores at No. 6 & 30 Herman St. Columbia offered oil and gasoline at ½c. off of our market.

The store at corner of Luverne & Chestnutdale offered goods by the Brooks at ½c. off our market for both oil and gasoline.

Very truly yours,

C. G. CAYMOD.

The G. W. sold D. C. Petty 300 gal. W. W. on the 27th ultimo at 6½c. per gallon.

DEFENDANTS' EXHIBIT 101-B.

[Form 36.]

STANDARD OIL COMPANY
OF OHIO.

CLEVELAND, OHIO, *January 5, 1903.*

CLEVELAND STATION.
S. T. CURTIS.

Mr. C. G. TAPLIN: We have report on December 22nd that the following oil was received from Columbia Oil Co., Cleveland: A. N. Testa, Hudson, Ohio, 4 barrels Water White, 8c. per gallon; P. B. Seacy, Hudson, Ohio, one barrel Water White, 8c. per gallon; on December 29th, Fisch Bros., Vigil, Ohio, 5 barrels Water White; December 26th, Howe & Clement, Strongsville, 5 Water White. You will note this oil was sold at 8c. per gallon, while we have been selling the same grade at 11c. per gallon. The cut in price is the reason we lost these customers.

Yours, respectfully,

S. T. CURTIS.

DEFENDANTS' EXHIBIT 101-C.

[Form 460.]

Memorandum.

JAN. 21, 1903.

Mr. C. G. TAPLIN: We find the Columbia Oil Co. of this city has been to Ashland and quoted our cutomers there 11½ c. for White Rose oil in barrels delivered. They allowed $1.00 for the barrels when returned, and hence this nets the trade 9½c. per gallon, while our market for same grade is 10½c. per gallon.

Yours, respectfully, S. T. CURTIS.

DEFENDANTS' EXHIBIT 101-D.

Withdrawn. See Record, page 9525.

DEFENDANTS' EXHIBITS 101-E AND 101-F.

Withdrawn. See Record, page 9526.

DEFENDANTS' EXHIBIT 101-G.

[Form 460.]

Memorandum.

SEPT. 27, 1905.

Mr. C. G. TAPLIN, *Building.*

DEAR SIR: We herewith enclose letter from Mr. O. E. Rankin and our sub-agent, D. W. Peterman, in regard to cuts that are made in the Oberlin market by our competitors, the Columbia Oil Co. The prices of gasoline advanced at Oberlin and other points 11c. on September 18th. You will note our competitor's agent is selling goods at 1c. less than the markets.

Yours, respectfully, S. T. CURTIS.

Stamp:

Refined Dept.
Received
Sep.
29,
1905,
8 A. M.
S. O. Co.

DEFENDANTS' EXHIBIT 101-H.

[Form 460.]

Memorandum.

ELYRIA, O., *Sept. 26, '05.*

Mr. S. T. CURTIS, *Cleveland, O.*

DEAR SIR: Mr. S. G. Gibson, of Oberlin, O., who is handling Columbia Oil Co. goods, has not advanced his prices; he is offering to sell the dealers D. S. gasoline at 10 cents per gallon. While I do not think he will succeed in getting any of our business it is creating some talk among our patrons, and he "may" get some new business if he continues to offer his goods at 10 cents.

Truly, yours, O. E. RANKIN.

DEFENDANTS' EXHIBIT 101-I.

Withdrawn. See Record, page 9525.

DEFENDANTS' EXHIBIT 101-J.

ELYRIA, O., *7/6/06.*

Mr. C. G. TAPLIN, *Bldg.*

Cut prices.

"The Columbia Oil Co. are cutting our market on D. S. gasoline at Lorain. They are selling for 12½c., while our market is 13½c. They took one of our good customers from us the other day on this account. Am afraid if they continue this market they will take more."

O. E. R.

DEFENDANTS' EXHIBIT 101-K.

[Form 36.]

STANDARD OIL COMPANY
OF OHIO.

CLEVELAND STATION.
S. T. CURTIS.

CLEVELAND, OHIO, *April 16, 1906.*

Mr. C. G. TAPLIN, *Building.*

DEAR SIR: We wish to call your attention to the fact that Langshaw & Hickman, Perry, Ohio, who are our customers, recently discontinued purchasing our goods. Upon investigating reasons why we lost the business they stated they could buy cheaper than our price; that they were buying of Columbia Oil Co., of Cleveland, 74° gasoline for 11½c. and 86° gasoline for 15c. net bulk. We had been selling them 74–76° gasoline at 13½c., so they claim they saved 2c. per gallon on that grade, and they claim they saved 3c. a gallon on 86° gasoline. We investigated, with their consent, to find out why this cut was made by our competitors, as we knew that such prices could not be made on goods that were full gravity. What they purchase from our competitors, the Columbia Oil Co., for 86° gasoline tested 81½°, and the 76° gasoline they purchase tested 71°. They were very much surprised to know how our competitors were swindling them, and I think in future we will have no trouble in holding their trade.

We write you this to show you the methods our competitors take to take away our customers.

Yours, respectfully, S. T. CURTIS.

DEFENDANTS' EXHIBIT 101-L.

[Form 36.]

STANDARD OIL COMPANY.
OF OHIO.

CLEVELAND STATION.
S. T. CURTIS.

CLEVELAND, OHIO, *February 28, 1906.*

Cut in the market.

Mr. C. G. TAPLIN, *Building.*

DEAR SIR: We have report from our Mr. J. F. Stansbury, solicitor in Cleveland, dated February 26th, and reads as follows:

"S. Bapa, 34 Francis ave., who runs a grocery, is buying from Columbia Refining Co. at 6c. per gallon. Mr. Bapa claims he is getting Water White oil; showed me a Columbia Refining Co.'s ticket, and it was made out for Water White oil at 6c. per gallon."

You will note above people are cutting the market, which is 7c. for the same grade of goods.

Yours, respectfully, S. T. CURTIS.

Refined Oil Dept.
Received
Mar.
1,
1908.
9 A. M.
S. O. Co.

DEFENDANTS' EXHIBIT 101-M.

THE STANDARD OIL COMPANY
OF OHIO.

H. A. ANDERSON,
Special Agent.

CLEVELAND, *March 3, 1908.*

Mr. H. A. ANDERSON.

DEAR SIR: On Feb. 11, 1908, we made our last sale of R. C. gasoline to the Excelsior Dry Cleaning Co., Colfax & East 70th, City. They were offered the same grade of gasoline by the Columbia Refining Co. at ½c. per gall. below our price. They gave us notice of cut in price and waited for us about one week, expecting that Standard Oil Co. would meet the offer of Columbia Refining Co. When told that we could make no reduction in our price they refused to buy. They report now being supplied by Columbia Refining Co. at ½c. per gall. below our tank wagon price.

Yours, truly,

J. T. SENCABAUGH.

Stamps:

Received
Mar. 5, 1908.
S. T. Curtis.

Received
Mar. 4, 1908.
H. A. Anderson.

DEFENDANTS' EXHIBIT 102.

SEPT. 27, 1904.

Reductions to meet cut prices.

Mr. C. G. TAPLIN, *Building.*

DEAR SIR: Confirming my brief talk with you this morning, and emphasizing the policy which we have pursued in the past in relation to our cut file record.

I desire to reinforce what has been done in the past, and request that you call your people's attention to the fact that it is the policy of the company not to change any particular local market without having positive evidence that the competitor has cut prices; and whenever such cases occur they are to pass through the regular channels this evidence, so that when the question is considered for final action there will be no question as to the fact of the competitor having cut the market, it being our desire not to reduce prices unless we are forced to do it in order to regain lost business which has been taken from us by cut prices made by competitors.

It goes without saying that general advances or declines which we may make will be governed by conditions, such as changes in the price of crude or changes in the price of products which would affect refined oils, or changes in freight rates or the cost of the package. All such questions have a bearing, and when different conditions exist naturally they will affect the general situation and necessitate changes. But these subjects are all of a general character, whereas my remarks on cut prices have particular reference to local markets.

Trusting that I have made myself clear, and that you will understand the same and see that your file is carefully kept here, so that at any future time should we desire to verify our position it could be done without question, I remain,

Yours, truly,

F. B. SQUIRE,
Vice Prest.

124
Delivered
Sep. 28, 1904
1:45

DEFENDANTS' EXHIBIT 103.

Forty refiners sell in Ohio; 15 of them maintain tank stations; 32 such tank stations in all. List of refiners who compete with us in Ohio is as follows:

National Refining Co.,	Marietta, O.
Sterling Oil Co.,	" "
Emery Mfg. Co.,	E. Bradford, Pa.
Penna. Lub. Oil Co.,	Bradford, Pa.
Continental Ref. Co.,	Oil City, Pa.
Penn. Ref. Co.,	" " "
Independent Ref. Co.,	" " "
Germania Ref. Co.,	Rouseville, Pa.
Crystal Oil Works,	McClintocksville, Pa.
Empire Oil Works,	Reno, Pa.
Emlenton Ref. Co.,	Emlenton, Pa.
Penna. Ref. Co.,	Karns City, Pa.
Warren Ref. Co.,	Warren, Pa.
Conewango Ref. Co.,	" "
Cornplanter Ref. Co.,	E. Warren, Pa.
Crew Levick Co.,	" " "
Seneca Oil Works,	" " "
Wilburine Oil Works,	" " "
Superior Oil Works,	" " "
Tiona Ref. Co.,	Clarendon, Pa.
Fidelity Oil Works,	" "
Titusville Oil Works,	Titusville, Pa.
Gulf Ref. Co.,	Marcus Hook, Pa.
American Oil Works,	Titusville, Pa.
Penn. Pffe. Works,	" "
Miller Oil Co.,	Pittsburg, Pa.
Waverly Oil Works,	" "
Freedom Oil Works,	Freedom, Pa.
West Pttsbg. Oil Ref. Co.,	Neville Island, Pa.
Island Ref. Co.,	" " "
Beaver Ref. Co.,	Washington, Pa.
Pittsburgh Ref. Co.,	Coraopolis, Pa.
Canfield Oil Co.,	" "
Lake Carriers Oil Co.,	" "
Valvoline Ref.,	Butler, Pa.
Paragon Ref. Co.,	Toledo, O.
Sun Oil Co.,	" "
Craig Oil Co.,	" "
National Ref. Co.,	Findlay, O.
Lodi Ref. Co.,	Lodi, O.
Wyandot Ref. Co.,	Crawford, O.
National Ref. Co.,	Cleveland, O.
Gulf Ref. Co.,	Port Arthur, Tex.
Indian Ref. Co.,	Georgetown, Ky.

In addition, there are about 50 oil jobbers in Ohio soliciting retail trade; 10 of them also have tank stations; 15 stations in all.

DEFENDANTS' EXHIBIT 104.

[Letterhead.]

OFFICE OF
THE NATIONAL PETROLEUM ASSOCIATION,
CLEVELAND, OHIO.

OFFICERS.

W. E. WALL, President.
E. H. ANDERSON, Treasurer.
C. D. CHAMBERLAIN, Secretary.
F. W. BOLTZ,
Traffic Manager.

MEMBERS.

American Oil Works, Ltd., Titusville, Pa.
Beaver Refining Co., Washington, Pa.
Canadian Oil Co., Toronto, Ont.
Canfield Oil Co., Cleveland, Ohio.
The F. G. Clark Co., Cleveland, Ohio.
The Conewango Refining Co., Warren, Pa.
The Continental Refining Co., Oil City, Pa.
Cornplanter Refining Co., Warren, Pa.
Crew Levick Co., Philadelphia, Pa.
Crystal Oil Works, Oil City, Pa.
Emery Mfg. Co., Bradford, Pa.
Emlenton Refining Co., Emlenton, Pa.
Empire Oil Works, Oil City, Pa.
Germania Refining Co., Oil City, Pa.
Glade Oil Works, Warren, Pa.
The Great Western Oil Co., Cleveland, Ohio.
Hamilton Refining Co., Marietta, Ohio.
Independent Refining Co., Ltd., Oil City, Pa.
The Island Petroleum Co., Pittsburg, Pa.
Miller's, A. D. Sons Co., Allegheny, Pa.
The National Refining Co., Cleveland, Ohio.
The Paragon Refining Co., Toledo, Ohio.
Penn Refining Co., Oil City, Pa.
Pennsylvania Paraffine Works, Titusville, Pa.
Pittsburg Oil Refining Co., Pittsburg, Pa.
Pure Oil Co., Philadelphia, Pa.
The Red "C" Oil Mfg. Co., Baltimore, Md.
Seneca Oil Works, Warren, Pa.
Smith, Levi, North Clarendon, Pa.
Superior Oil Works, Warren, Pa.
Tiona Refining Co., North Clarendon, Pa.
Union Petroleum Co., Philadelphia, Pa.
United Refining Co., Warren, Pa.
Waverly Oil Works, Pittsburg, Pa.
Warren Refining Co., Warren, Pa.
Wellsville Refining Co., Wellsville, N. Y.

DEFENDANTS' EXHIBIT 105.

List of the principal commodities and the amount of tonnage of each, compiled from the tables on page 73 of Statistics of Railways in the United States for the year 1904.

Coal and coke	247,866,902 tons
Lumber and other products of forest	80,383,577 "
Stone, sand, and other like products	40,415,893 "
Iron and steel	37,988,372 "
Ores, and other products of mines	42,589,400 "
Grain	30,493,327 "
Live stock, meats, and packing-house products	14,286,205 "
Flour, and other mill products	11,817,122 "
Fruits, vegetables, and other agricultural products	10,216,425 "
Hay	5,228,475 "
Petroleum and other oils	4,809,349 "
Wines, liquors, and beers	3,398,522 "
All other commodities	112,186,978 "
Total	641,680,547 "

DEFENDANTS' EXHIBIT 106.

Statement of the railroad tonnage in petroleum and its products of the defendant companies in the year 1904.

Tonnage in petroleum and other oils, per Statistics of Railways, compiled by the Interstate Commerce Commission		4,809,349
Other oils estimated at:		
Cotton-seed oil tonnage, per Department of Commerce and Labor Bulletin No. 95 of 1907, pg. 55, shown in gallons, equivalent in tons @ 7.5 per gallon	457,041	
Linseed oil, used in paints and varnishes, in 1905, per Dept. of Commerce & Labor Bulletin 57; shown in gallons equivalent in tons to	76,527	
Other oils, estimated	200,000	
		733,568
Total petroleum oil tonnage		4,075,781
Assuming petitioner's proof shows that the defendant companies did 80–85%, say 82½%, of the petroleum business, amounting to		3,362,519
Less purely local shipments estimated at 20%		672,504
Leaves total competitive tonnage of defendant companies		2,690,015

Which is 42/100 of 1% of 641,680,547 tons, the total railroad tonnage of the year 1904.

There is no Defendants' Exhibit 107. (See record, p. 1830, Vol. 14.)

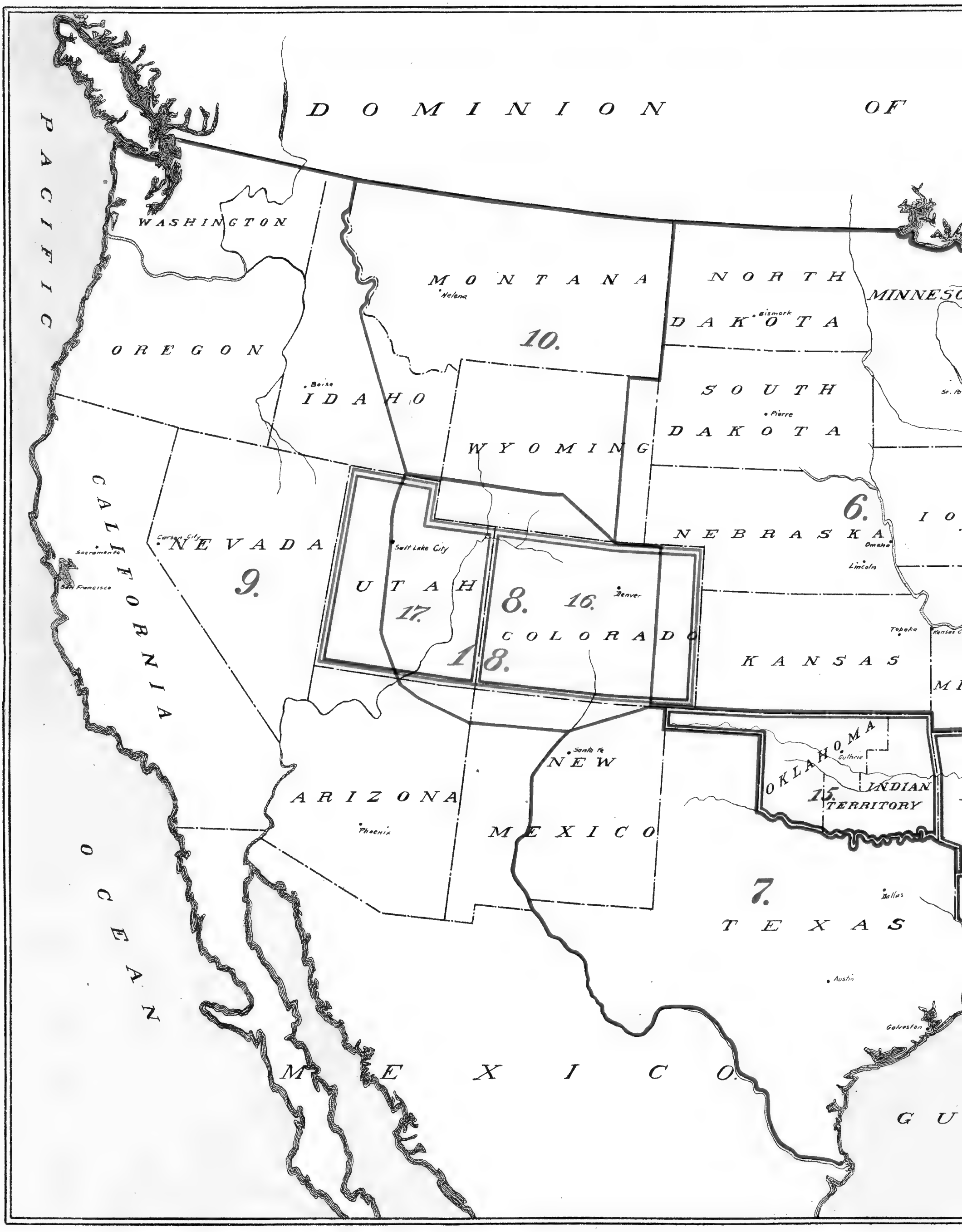
DEFENDANTS' EXHIBIT 108.

Comparative statement of the number of tank cars in use in the United States for the transportation of petroleum and its products on the first day of January in the years 1899, 1905, and 1908, by the Union Tank Line and Waters-Pierce Oil Company, and by other companies and railroads than the two named.

Owner.	1899, Jan. 1.	%	1905, Jan. 1.	%	1908, Jan. 1.	%	Increase.	Increase. %
Cars other than U. T. L. and W. P. O.	3,881	38	8,171	48	10,211	49	6,330	263
U. T. L. and W. P. O. cars.	6,213	62	8,868	52	10,594	51	4,381	171
Total	10,094	100	17,039	100	20,805	100	10,710	

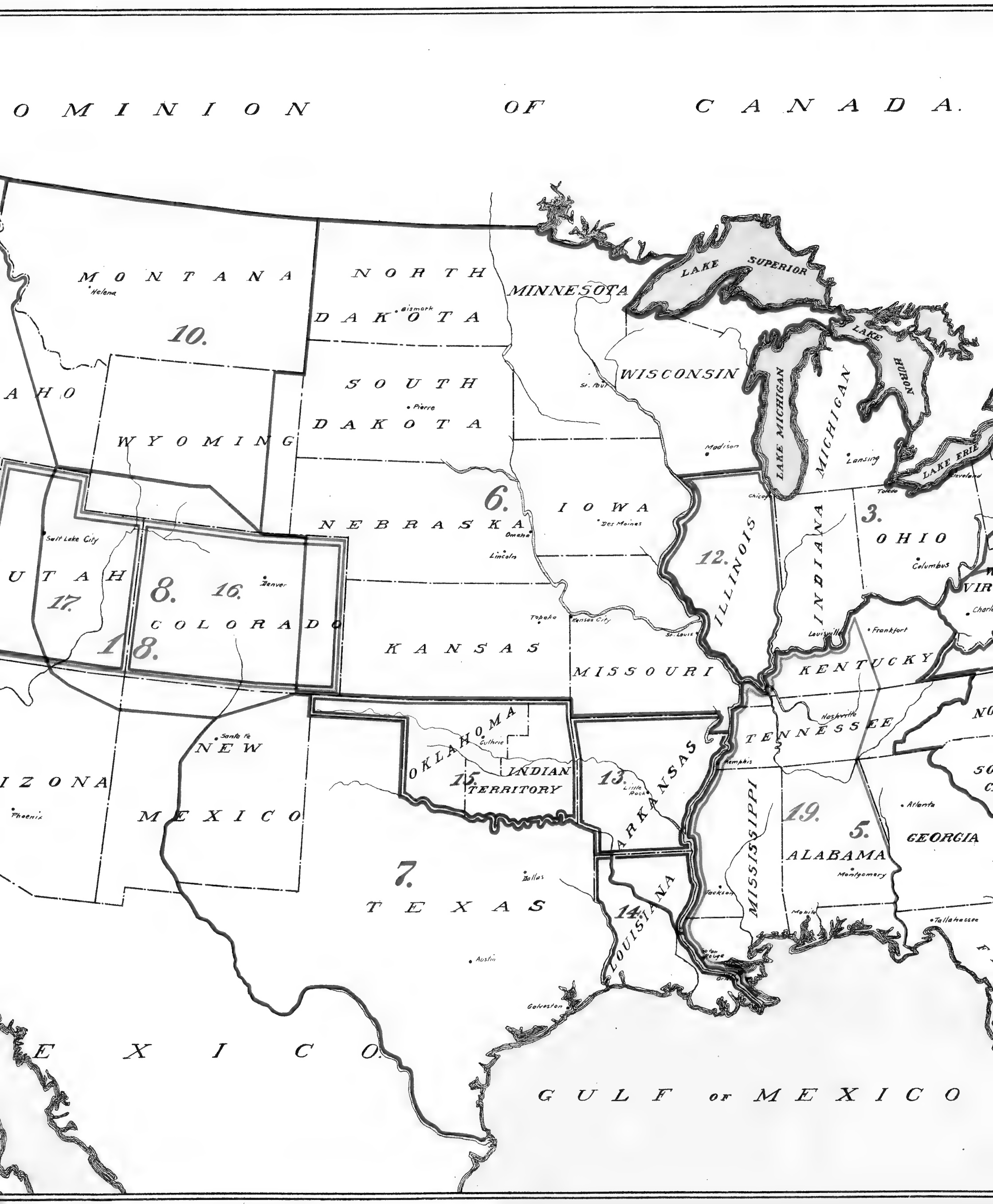
DEFENDANTS' EXHIBIT 109.

Map showing approximately the Territories of the principal Freight Traffic A



DEFENDANTS' EXHIBIT 109.

Map showing approximately the Territories of the principal Freight Traffic Associations in the United States.



1 - New England Freight Associaton
2 - Trunk Line Association
3 - Central Freight Association
4 - Associated Rys. of Virginia and the Carolinas.
5 - Southeastern Freight Association.
6. - Western Trunk Line Committee.
7. - Southwestern Tariff Committee.
8. - Trans-Missouri Freight Bureau.
9. - Trans-Continental Freight Bureau.
10. - Special Agreement between Nor. Pacific and Great Nor. Rys.
11. - Middle States Freight Association.
12 - Illinois Freight Committee.
13. - Arkansas Freight Committee.
14. - Louisiana Freight Committee.
15 - Oklahoma Freight Committee
16. - Colorado Freight Bureau
17 - Utah Freight Bureau
18. - Colorado-Utah Freight Bureau
19. - Southeastern Mississippi Valley Association.
20. - Virginia Freight Traffic Association.

ANDREW. B GRAHAM CO., PHOTO-LITHOGRAPHERS. WASHINGTON, D. C.

DEFENDANTS' EXHIBIT 110.

List of important freight traffic associations not shown on the map, defendant's Exhibit 109.

[From Official Railway Guide of September, 1908. Pgs. LVI to LXVI, inclusive.]

Baltimore Freight Committee.
Boston Freight Committee.
Buffalo Freight Committee.
Chicago & Ohio River Committee.
Chicago Freight Committee.
Cincinnati Freight Committee.
Cleveland-Lorain Freight Committee.
Columbus Freight Committee.
Dayton Freight Committee.
Indianapolis Freight Committee.
Louisville Freight Committee.
Milwaukee Freight Committee.
Mississippi Valley Freight Ass'n.
New Orleans Tariff Committee.
Northern Committee.
Peoria & Pekin Freight Committee.
Pittsburg Freight Committee.
St. Louis-Cincinnati-Louisville Freight Com'tee.
St. Louis East Bound Freight Committee.
St. Paul & Minneapolis Freight Association.
Sandusky Freight Committee.
Southern Freight Association.
Springfield, Ill., Freight Committee.
Springfield, O., Freight Committee.
Toledo Freight Committee.
Wheeling Freight Committee.
Zanesville Freight Committee.

Defendants' Exhibit No. 111 withdrawn by agreement of counsel.

DEFENDANTS' EXHIBIT 112-A.

[The figures in italic appeared on original in pencil and encircled in a ring.]

8-12-05. 5m.

BOSTON & MAINE RAILROAD.

ST. JOHNSBURY & LAKE CHAMPLAIN RAILROAD.

FREIGHT TRAFFIC DEPARTMENT.

Agents will enter this

S. R. 4/7820

Number on Way-bills.

Special rate notice.

[Copy.]

To CHAS. PRESCOTT, BOSTON, *Sept. 7, 1904.*
Agent: *Beverly, Mass.*

DEAR SIR: The following rate has been given to continue until cancelled:

Shipper: Gulf Refining Co.
Consignee: Any party.
Kind of freight: Petroleum and petroleum products in tank cars.
From: Beverly, Mass.
To: Northampton and Springfield, Mass.
Quantity: C. L.; minimum weight to be the marked capacity of tanks.
Rate: 12 cents per 100 lbs.
On shipments for delivery on the tracks of the N. Y., N. H. & H. R. R. or destined beyond, rate will be 10½ cents per 100 lbs.
Athy. No. 3682.
Agents. Agent: See that freight is way-billed accordingly.

M. T. DONOVAN,
Freight Traffic Manager, B. & M. R. R.
General Freight Agent, St. J. & L. C. R. R.

DEFENDANTS' EXHIBIT 112-B.

8-12-05. 5m.

BOSTON & MAINE RAILROAD.

ST. JOHNSBURY & LAKE CHAMPLAIN RAILROAD.

FREIGHT TRAFFIC DEPARTMENT.

Agents will enter this

S. R. 4/7819

Number on Way-bills.

Special rate notice.

[Copy.]

To CHAS. PRESCOTT, BOSTON, *Sept. 7, 1904.*
Agent: *Beverly, Mass.*

DEAR SIR: The following rate has been given to continue until cancelled:

Shipper: Gulf Refining Co.
Consignee: Any party.
Kind of freight: Petroleum and petroleum products in tank cars.
From: Beverly, Mass.
To: Holyoke, Mass.
Quantity: C. L.; to be marked capacity of tank.
Rate: 12 cents per 100 lbs.
Athy. No. 3682
G. H. NICHOLSON, agent: See that freight is way-billed accordingly.

M. T. DONOVAN,
Freight Traffic Manager, B. & M. R. R.
General Freight Agent, St. J. & L. C. R. R.

DEFENDANTS' EXHIBIT 112-C.

8-12-05. 5m.

BOSTON & MAINE RAILROAD.

ST. JOHNSBURY & LAKE CHAMPLAIN RAILROAD.

FREIGHT TRAFFIC DEPARTMENT.

Agents will enter this

S. R. 5/8339

Number on Way-bills.

Special rate notice.

[Copy.]

To CHAS. PRESCOTT, Agent: *Beverly, Mass.*

BOSTON, *Sept. 21, 1905.*

DEAR SIR: The following rate has been given to continue until cancelled:

Shipper: Gulf Refining Co.
Consignee: Any party.
Kind of freight: Petroleum oil and its products in tank cars.
From: Beverly, Mass.
To: Chicopee, Chicopee Falls, and Easthampton, Mass.
Quantity: C. L.; minimum weight to be the marked capacity of tank.
Rate: 12 cents per 100 lbs.
Athy. No. 5221.
Agents. Agent: See that freight is way-billed accordingly.

M. T. DONOVAN,
Freight Traffic Manager, B. & M. R. R.
General Freight Agent, St. J. & L. C. R. R.

DEFENDANTS' EXHIBIT 113.

The Importance of Enforcing the Provisions of the Interstate Commerce Law in Respect to Making and Publishing Schedules of Rates.

The legal opinion of Messrs. Davis, Kellogg & Severance is published as an appendix.

By A. B. Stickney,
President, Chicago Great Western Railway Company.

The provisions of the interstate commerce law which relate to the construction and the contents of the schedule of rates must be regarded before the law can become effective in preventing discriminations.

In every department of railway operation, except the schedule making department, order, method, and system prevails. In schedule making there is neither order, method or system.

It is not the penalties of the law, but method, order, and system which keep the trains upon the track.

The time cards and rules for running trains must be exact and specific, printed in English in such form that men of ordinary understanding can comprehend; not in Greek or in a mysterious cipher which only one expert on each line can translate, which makes travel upon railways safe.

Time cards cannot be safely changed by publishing amendment after amendment and rule after rule until the trainmen, in order to know the time and rules, would have to examine one original card and thousands of conflicting amendments and rules.

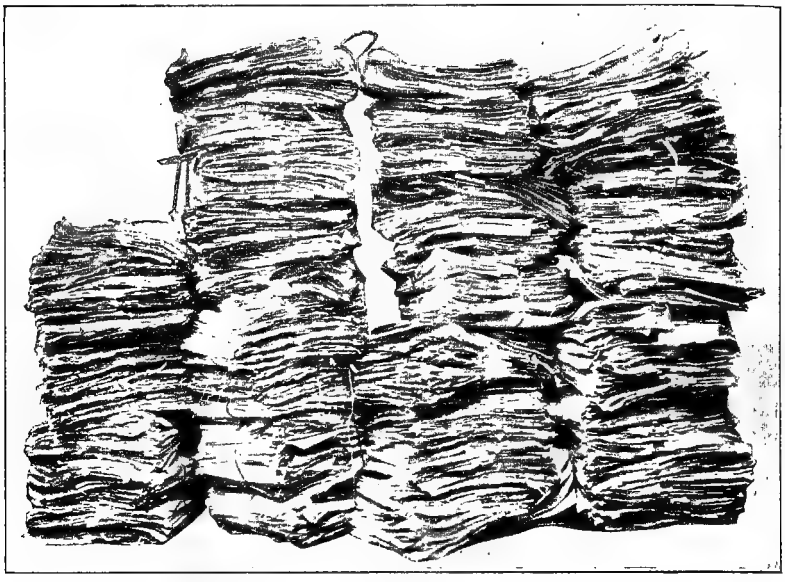
When a time card is changed, the whole card is reprinted and the old card taken up, so that engineers and conductors and the public are never compelled to examine more than one card.

No such order and system pertains to the schedule of rates. No railway company has ever published all its rates in one schedule in such a manner that railway agents who collect the rates, or the public who pay the rates, can tell with certainty the legal rates.

On the contrary, they have been published on detached leaves and booklets of a few pages, some leaves and some booklets containing a few specific rates, many containing no specific rates, but instead of specific rates, they contain rules for combining rates to produce specific rates which are incomprehensible to both the shipper and to the railway agents who collect the rates. This results in a great many mistakes in regard to rates which must be corrected by an overcharge claim.

The vast number of such mistakes due to the incomprehensible schedules will be best comprehended by inspecting the following photograph of the overcharge claims of a single average month by one of the smaller lines—the Chicago Great Western Company. In this connection it should be said that only a part of the mistakes are thus corrected, because the small shippers either do not discover the mistakes, or, if discovered, not knowing how to get them corrected, they pocket their loss and "cuss" the railway companies as swindlers.

Photograph of one average month's overcharge claims.



The pile is 6 feet long by 4 feet high.

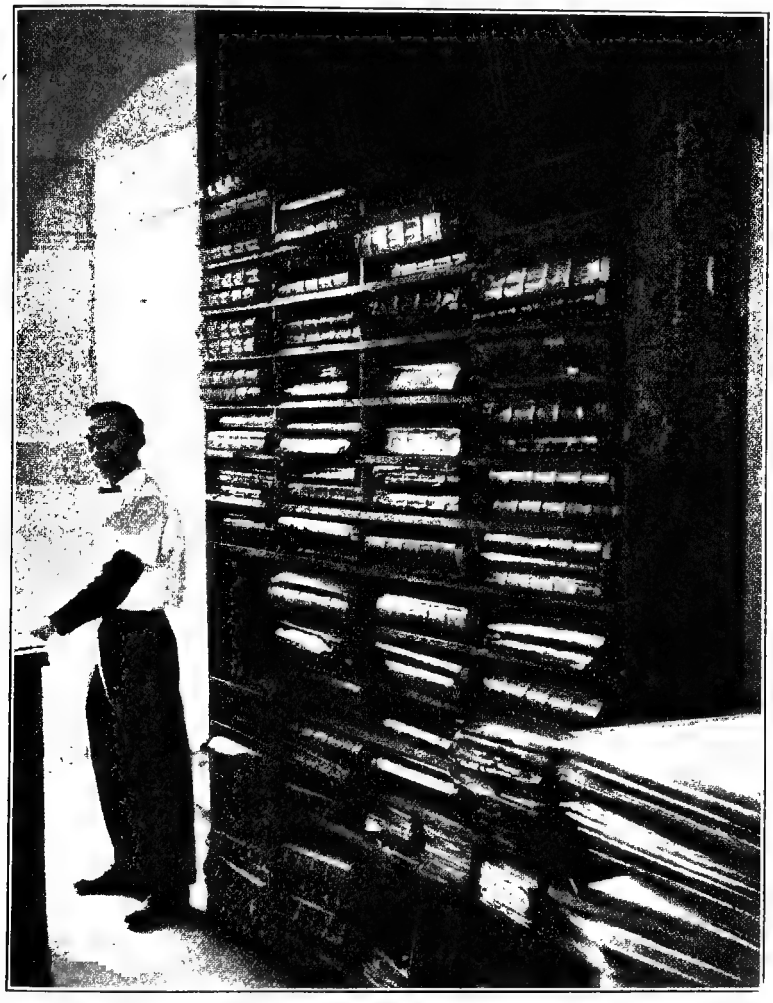
When changes have been made in the schedules, the companies have not republished their schedules, but they have published other leaves and booklets containing other specific rates, incomprehensible rules, and percentages as amendments to the original schedules, to such an extent that the complete schedules of each road, to-day, consist of thousands of separate leaves and booklets which name possibly, one-quarter of the specific rates, leaving three-quarters of the rates to be ascertained by combinations and percentages according to rules and unwritten customs which no layman can possibly understand.

It is impossible to convey by general language, any adequate understanding of the utterly hopeless conditions of the present schedules. Every railway has a special schedule room in charge of a schedule clerk where the schedules issued by itself and joint schedules issued by itself and connecting lines are filed, indexed and kept in order for reference. As soon as one schedule is entirely superseded by other schedules, it is taken out of the working or live files so that only schedules, which are still in force remain among the "working or live files."

I have had the schedules in the working files of the Chicago Great Western counted, and by actual count on the 9th of August, 1906, these working and live files contained 8,561 separate and disconnected schedules, some of them consisting of a single leaf, but most of them containing from 4 to 130 pages.

Over leaf is a photograph of the files, which conveys to the mind, perhaps better than words, the enormous bulk of schedules, amendments, and rules, printed in a cipher which no layman can understand, which, under present conditions, must be critically examined in order to ascertain the legal rates.

Photograph of the working files of schedules of the Chicago Great Western Railway containing, August 9, 1906, by actual count, 8,561 separate schedules filed in portfolio as seen.



The young man seen in the photograph is the schedule clerk constituting the supreme court of the traffic department. No other traffic official can find the rates and his answer as to a legal rate is final and conclusive.

These schedules repeat the same rates over and over again to such an extent that all the rates the 8,561 separate schedules contain could be compiled into one volume about the size of Webster's unabridged dictionary containing less than 2,000 pages while each of the schedules as published has a title page making in all 8,561 title pages containing no rates whatever.

If the rates were thus compiled and as systematically arranged as the words in the dictionary any rate could be as easily found even by the laymen as any word in the dictionary can be found and such a schedule could be posted in each station for the information of the public as the law requires.

But it is impossible to keep these 8,561 separate schedules posted in every station on the line in such "form that they shall be accessible to the public and can be conveniently inspected" which is the exact language of the law.

Besides this is not the whole story. Every daily mail brings literally bushels of schedules issued by other lines which in some respects, affect the traffic of the line.

Photograph of one average day's receipt of schedules by the traffic department of the Chicago Great Western Ry.

Pile 3x2x2 feet equal to 14 bushels.

These bushels of schedules compel the issuing of an average of four schedules per day to keep our rates in line with new rates that the bushels of schedules disclose. The traffic department sends to the freight auditor, to be used in checking rates on the way-bills, an average of about 300 new schedules per week.

Twice a week there is a "send-out" of schedules to the station agents, which fill an ordinary express wagon in taking them to the train.

In compliance with the law, all of these schedules have been filed in depots, etc. Do they inform the public.

No layman, and but few station agents, can understand them. This is the boasted "science" of rate making.

It is my contention, that when the same method, order, and system is introduced into the schedule of rates and the rates between

all points are specifically named so that at all times freight agents, station agents and shippers can, by inspection of, not 8,000 schedules, but one complete schedule, determine for themselves the legal rates; then, and not till then, can the present discriminating practices be prevented.

SPECIFIC REQUIREMENTS OF THE LAW.

The law makes two specific requirements which are essential to every legal schedule:

First: The law requires that each schedule shall contain the classification of freight in force.

Second: The law requires that the schedule must state "all the rates, fares, and charges for transportation between different points on its own route and between points on its own route and points on the route of any other carrier when a through route and joint rates have been established," and if no joint rates have been established, that the several carriers comprising a through route "shall file, print and keep open to public inspection, the separately established rates, fares, and charges which shall be applied to the thorough transportation."

A schedule which does not contain these two specified requirements cannot be regarded as a legal schedule.

The law also provides that when schedules are changed, the whole schedule shall be reprinted, just as time cards are reprinted, or that changes shall be plainly indicated on the existing schedules which are posted in the depots and stations. As it is impracticable to make such changes plainly appear on the existing schedules, the law in effect, requires that when rates are changed, the old schedules shall be canceled and new schedules printed containing the classification and all the rates, fares, and charges.

Such are the provisions of the law. The evident intention is that the schedules shall be made and continuously kept in such form that persons of ordinary intelligence can, by inspection of, not thousands of schedules, but substantially one schedule, determine for themselves the legal rates which they may desire to use.

This can be accomplished in no other way than by compiling and publishing all of the rates in connection with the classification in substantially one bound book. It would be substantially one book if published in two numbered volumes—Volume 1 containing all the local interstate rates of the company issuing it and Volume 2 containing all the joint rates to which such company is a party. In no other way is it possible for the layman to know that he has inspected all of the schedules. Besides the publication of more than 8,000 separate schedules affords the opportunity for the same dexterous manipulation of schedules which is practiced by the "three card monte gang" with cards.

If the names of the places were arranged systematically and alphabetically in the manner of the dictionary, there could be no duplication of rates, the highest to be paid by the small shippers and the lowest by the large shippers, and any desired rates would be found as quickly and as certainly as any equal number of words in the dictionary.

When changes are made, the law requires this whole book to be reprinted just the same as when changes are made in the time cards of passenger trains, the well-known publication known as the Official Railway Guide is entirely reprinted. This practice would confine all the rates at all times to one book, so that at all times it would be necessary for a shipper in order to ascertain a desired rate, to examine only one book.

SPECIFIC REQUIREMENTS OF THE LAW DISREGARDED.

No railway company ever attempted to comply with the law. The companies have never compiled all their rates into one schedule or book of schedules so that they could be posted in all of their stations in such a manner as to be convenient for inspection by the public.

The classification is the foundation of the schedule of rates and the law specifically requires it to be a part and parcel of each schedule. This requirement of the law has always been disregarded.

The classification consists of grouping different forms of property, according to the rates each should bear, based on the cost of carriage.

At present, there are two general classifications used by the railways; one is called the Western Classification, containing ten classes, used by the railways west of Chicago, and one is called the Official Classification, containing only six classes, used by the railways east of Chicago, so that a shipment from the Atlantic Seaboard to a point west of Chicago takes the rate of one class to Chicago and the rate of another class west of Chicago, which introduces into the schedules another unfathomable difficulty.

But even this practice is not uniform. The Eastern Classification extends through to certain destinations west of Chicago and not to others. Still other destinations west of Chicago, by an unwritten custom, not shown in any schedule, are entitled to take the lowest classification which is contained in either the Eastern or the Western Classification.

And, as if the facts which have been stated were not sufficient confusion to confound the minds of shippers, each carrier, paradoxical as it may appear, changes the classification without changing it, by leaving certain commodities in the classification, while making lower rates on such commodities by issuing separate schedules with lower rates, called "commodity rates" as distinguished from classified rates.

The method of ascertaining a rate by the inspection of a schedule, like, say a rate on brick from Boston to Chicago, is to first look in the classification and find the class to which it belongs, then find the rate for that class in the schedule of rates.

Pursuing this method, the layman would find brick, in carloads, in the 6th class, and turning to the schedule the rate would be found to be 25 cents per cwt. There are no notes or marks on either the classification or the schedule which would indicate that there was any other rate.

But the layman who might have the patience and industry to examine critically the more than eight thousand schedules on file in the depot would find a special commodity schedule for brick naming 22 cents per cwt., and I am not prepared to say how many more rates

he might find if he continued his search to the end of the more than eight thousand schedules.

One man, who is now a traffic manager, told me that when he was station agent, by diligent search of his schedules he found eleven different rates on the same commodity between his station and Boston. By the haphazard method of schedule making three or four different schedule rates are not unusual on the same commodity between distant points, many of them the result of mistakes, but some of them are intentional, for the purpose of discrimination under the forms of the law.

It goes without saying that the small shippers pay the highest of such scheduled rates, and that the large shippers, who employ expert traffic managers who devote their whole time to the study of schedules, pay the lowest rates.

MANIPULATION OF SCHEDULES.

I have said that the publication of thousands of separate schedules repeating the same rates over and over again affords the opportunity of manipulating schedules in such a manner as to produce all the evils of the secret rebate under the color of a compliance with the law.

I will now illustrate the present practices in respect to such manipulation of schedules by concrete examples.

EXAMPLE NO. 1.

The Western Traffic Association published joint schedules of rates on flour from Minneapolis to Cincinnati and other points in that territory which are public and understood by all the station agents at Minneapolis who do the way-billing of flour. The rate under this schedule is 19½ cents.

While I was preparing this paper a new schedule, issued by one of the companies which was a party to the joint schedule, was brought to my attention.

To all appearances it was not a flour schedule, but a wheat, barley, and flaxseed schedule. Its title-page had in large black-face type "Wheat, rye, barley, corn, and flaxseed," but no flour. The table of rates which it contained covered the whole page and were rates on wheat, rye, barley, corn, and flaxseed in bold type. The page was surrounded by a bold black border. On the narrow margin below this black border was printed in letters so fine that they could scarcely be read the following words:

"Grain products, carloads, when destined to southeastern territory, 15 cents per 100 lbs."

After this schedule the road issuing it would claim that 15 cents was a schedule rate, and consequently it had two rates for flour—which is called grain products—between Minneapolis and the Cincinnati territory; one a rate of 19½ cents, which all the millers knew. The other rate was 15 cents, which only one large miller knew.

All the country millers would pay the 19½-cent rate and get nothing back. The large miller who had the understanding would pay the 19½ rate, then put in a claim for an "overcharge," not "a rebate," and in due time the overcharge would be paid.

As this is a common form of swindling, I have had this identical schedule photographed, as a curiosity to the layman.

Photograph of the swindling schedule.

From
St. Paul, Minneapolis, Minnesota Transfer, Duluth, Minn., Superior, Itasca or Washburn, Wis.
(Applying only on shipments originating on connecting lines at stations west of the Mississippi River.)

Via Route Nos.	TO	Rates in Cents Per 100 Lbs. Corn, Rye, Oats, Barley, ‡Spelts or §Kaffir Corn C. L.	Wheat or ◆Buckwheat, C L	Flax Seed C. L.	Grain Screenings C. L., min. wt. 35,000 lbs.
2-8-31-37	Aurora.....Ind.	14½	16	15½	
8-12-13-25-26-37	Cairo.....Ill.	14½	†16	15½	
2-5-6-8-10-11-16-17-18-29-37	Cincinnati.....Ohio	14½	‡16	15½	
6-8-10-14-17-19-20-21-24-37	Dayton..... "	14½	16	15½	
1-7-9-13-16-30-35	Evansville.....Ind.	14½	16	15½	
6-10-14-19-20-23	Hamilton.....Ohio	14½	16	15½	
4-6-8-36-37	Indianapolis.....Ind.	12½	15	.....	
2-4-6-8-16-37	Jeffersonville.....Ind.	14½	16	15½	
2-8-31-37	Lawrenceburg.....Ind.	14½	16	15½	
14-15-19-20-21-22	Lima.....Ohio	14½	16	15½	
2-3-4-6-8-11-12-37	Louisville.....Ky.	15½	17	16½	
6	Madison.....Ind.	15½	16	.....	
2-4-6-8-37	New Albany..... "	14½	16	15½	
2-6-8-34-37	No. Vernon.....Ind.	14½	16	15½	
13-35	Owensboro.....Ky.	.....	.....	.....	14½
6-10-14-19-20-21-23-29	Piqua.....Ohio	14½	16	15½	
2-6-33	Seymour.....Ind.	14½	15½	15½	
6-8-20-21-24-37	Springfield.....Ohio	14½	16	15½	
27-28	Thebes.....Ill.	14½	†16	15½	
1-2-6-8-32-37	Vincennes.....Ind.	14½	16	15½	
2-33	Washington.....Ind	14½	16	15½	

ROUTES

1. Via Chicago, Ill., C. & E. I. R. R and E. & T. H. R. R.
2. " " " " B & O S. W Ry.
3. " " " " So. Ry.
4. " " and C I. & L Ry.
5. " " P C. C. & St. L Ry. or C C C & St. L. Ry. or B & O. S W Ry. or C H & D Ry. — C I. & L. Ry. and
6. " " and P. C. C & St. L Ry.
7. " " P. C. C. & St L. Ry. and E. & T H. R. R.
8. " " and C. C. C & St. L. Ry.
9. " " C I & L Ry. and Southern Ry
10. " " C. & E R. R., Lima, O., and C. H. & D Ry.
11. " " C. & E. R. R., Bolivar, Ind., and C. C. C. & St. L. Ry.
12. " Peoria, Ill., and C C. C. & St. L Ry.
13. " " " or Chicago, Ill., and I C R. R
14. " Manitowoc or Kewaunee, Wis., A A. R. R. and C. H. & D. Ry.
15. " Chicago, Ill. and Pennsylvania Co.
16. " Chicago, Ill., M C. R. R. and C. C C & St L. Ry or E. & T. H. R. R.
17. " Chicago, Ill., P. M R. R. and C. C. & L. R. R. or C. H. & D. Ry.
18. " Manitowoc or Kewaunee, Wis., P. M R R. and C. H & D Ry or P. M. R. R. and H. V. Ry., O C. Lines or W. & L. E. R R. in connection with C. C. C. & St. L., B & O. S. W. or P. C. C & St. L. Rys
19. " Chicago, Ill., P M R. R. or C. I. & L and C. H. & D Rys
20. " Manitowoc or Kewaunee, Wis., P. M. R. R. and C. H & D Ry. or via P. M. R R., H. V Ry., O C Lines, or W. & L E R R. in connection with P. C. C & St L. Ry.
21. Via Manitowoc, Wis., A A R R., and H V Ry., O C Lines, or W. & L. E. in connection with P. C C. & St L. Ry
22. " Chicago, Ill., and C & E R R.
23. " " " P M R R & C H & D Rs
24. " Manitowoc Wis., A. A R. R., Toledo, O C. Lines and C. C C & St. L Ry
25. " Peoria Ill., C. P. & St. L. Ry. or C. & A. Ry East St. Louis, Ill. and M. & O. Rys.
26. " Peoria, Ill., Vandalia R. R., Arthur Ill C. & E. I. R R Tuscola, Ill., and M. & O. Rs.
27. " Chicago, Ill., and C. & E. I R. R.
28. " Peoria, Ill., Vandalia R. R., Arthur, Ill., and C. & E. I. R R
29. " Manitowoc or Kewaunee, Wis., A A R. R., and C. H. & D or C C. C & St. L Rys.
30. " Peoria Ill., C. & A. Rs., East St. Louis and L. & N or Southern. Ry.
31. " Chicago, Ill C. I. & L and B & O S.-W. Ry. or C. C. C & St L. Ry.
32. " Chicago, Ill., C I & L. and Vandalia R. R. or B. & O S.-W. Ry.
33. " Chicago, Ill., C. I. & L. and B. & O S.-W. Ry.
34. " Chicago, Ill., C I & L. Ry and B. & O. S-W Ry., C. C C & St. L. or P. C C & St. L. Rys.
35. " Peoria, Ill., C. P & St L., East St Louis, Ill. and L. & N Ry.
36. " Chicago, Ill., C. I. & L Ry., and C. H. & D. Ry.
37. " Proviso, Ill., (Melrose Park) Indiana Harbor R. R., Calumet Park, Ill. C I. & L Ry., Danville, Ill. and C C C. & St L. Ry
38. " Chicago, Ill and C C. & L. R. R., or Proviso, Ill., (Melrose Park) Ind. Harbor R R., Hammond, Ind and C C & L. R. R.

‡GRAIN PRODUCTS, carloads, (as described in Exceptions to Official Classification, Joint Through Freight Tariff W. T. L. No. 806, (I. C. C. No. 798) G. F. D. No. 19300 *amendments or subsequent issues, when destined to South-Eastern Territory 15 cents per 100 lbs. Via Keokuk.*

†Applies only when destined to South Eastern Territory Local rates are on wheat 18 cents.

◆Minimum weight 35,000 pounds.

§Minimum weight 40,000 lbs.

Examine this schedule with a microscope and find the 15 cent flour rate or any other flour rate if you can.

This schedule also illustrates the enormous amount of dead wood embraced in the schedules filed with the Commission.

The schedule is a reprint of an existing schedule, reprinted for the sole purpose of printing the 15 cent flour rate in such an unexpected

place and in such an obscure manner that it would not be seen by any shipper or competing line, except the particular miller for whom the rate was made. It came to my notice because the miller "gave the snap away."

This schedule is not exceptional, but such schedules are a recognized practice. Hundreds of thousands of such schedules have been filed with the Commission, and nobody but the Commission can prevent the filing of such swindling schedules.

Now it is beyond question that if schedules were made in conformity to the law, in one book systematically arranged, there would be but one place where a rate from Minneapolis to Cincinnati could be named, and it would be impossible to have two schedule rates.

Example No. 2.

While I was preparing this paper, the assistant United States district attorney brought to my attention a schedule of rates without date, naming 7½ cents as the rate on wheat and flour from Minneapolis to Duluth and Superior, which is understood to be the rate by all competitive lines.

At the same time he showed me another schedule issued by the same line, also without date, naming 5 cents as the rate.

This is another case of two rates which could not possibly exist if schedules conformed to the law.

Example No. 3.

For a long time the schedule rates by all lines between Missouri River points and Chicago were 12 cents on wheat and 11 cents on coarse grains. Examine that schedule with a microscope, and nobody can discover that those were not the rates. But if one hunts through the 8,500 schedules on file at the stations, on some other schedule on each line—perhaps on a schedule naming dry goods rates between Chicago and St. Paul or between Chicago and St. Louis—will be found a rule in fine type in unintelligible language, which means that the line will pay back to the shippers of grain from the Missouri River points to Chicago 1¼ cents per cwt. upon a claim being made for an "overcharge." Of course no one would make a claim for "overcharge" who had not discovered the rule.

Such manipulation of schedules could not be accomplished if schedules were made in conformity to the law.

Example No. 4.

Soliciting freight agents will come to an understanding with a shipper to haul a specific amount of traffic at a rate less than the schedule rates, which other shippers pay. Then a so-called schedule will be made and filed with the Interstate Commerce Commission naming the contract rate covering the specific shipments "to expire when shipment is completed."

The following is an exact copy of one of such schedules, except the names of the lines are left blank:

I. C. C. No. 521.

Export Contract 33992.

Steamship Contract. Read 324.

The ..... Railway.

..... Transit Co.

..... Line.

..... Line.

APPLYING ON

1000–140 Bags flour.

C Via Chicago, care ..... Co.

Effective JULY 17, 1906.

Expires with shipment Sept. 17, 1906.

From—	To—	Rates in cents per 100 lbs.
Kansas City, Mo. Orig. byd.....	Glasgow, Scotland.....	.25-4

Issued by .....

G. F. A. ..... Ry.

The division of the rates gave the railways 18–4 cents from Kansas City to the Atlantic port of export, and 7 cents to the steamship company. The domestic rate from Kansas City to said port of export was 30½ cents. So if this flour was not in fact exported, and there are reasons to suppose it was not, the shippers, by this device, got in effect a rebate of 12 cents per cwt.

This schedule is not exceptional, but such schedules are a recognized practice. Hundreds of thousands of such schedules have been filed with the commission, and nobody but the commission can prevent the filing of such swindling schedules.

"Read 324" means that this schedule is the three hundred and twenty-fourth special contract which the company issuing this tariff had made with one Read, who is a broker for a lot of county mills, and it is a suspicious circumstance that the most of their output seems to be exported.

If schedules conformed to the law, this class of discriminations could not be practiced.

EXAMPLE NO. 5.

When the schedule rate on some commodity largely controlled by a great corporation is, say, $3.00 per ton, Chicago to the Missouri River, the sales agent, in the month of July, will come to an understanding with some or all of the railways that he will ship a big tonnage in October if he can be assured of a "schedule rate"—no rebates taken—of $2.00 per ton in the coming October.

Armed with this understanding, he contracts with all the principal dealers on and west of the Missouri River to deliver after October 1st their winter's supply at a price based on the $2.00 rate.

At the proper time, the new law requiring thirty days' notice, each line issues a single-leaf schedule naming the $2.00 rate. It is filed among 3,000,000 schedules in the office of the Interstate Commerce Commission and buried in the thousands of schedules at the stations. Nobody but the party with whom the understanding was had knows about it. But if a small producer, by any chance, finds it out, it is useless to him because the market has already been supplied before the schedule was made.

Such discriminations could not be worked if schedules were made in accordance with the law.

EXAMPLE NO. 6.

Another method is to build up a long schedule of apparently specific rates, and then print a rule on another schedule that a certain rate like the St. Louis rate shall be the maximum rate of the schedule, and on still another schedule, a rule that the Memphis rate, which is lower than the St. Louis rate, shall be the maximum.

By this device two, three, or more schedule rates can be maintained at the same time—the small shippers and the unsophisticated always paying the highest rates.

Such a practice could not exist if the schedules were constructed in accordance with the law.

My space will not permit of further multiplying examples of gross discriminations under a color of law produced by "manipulation" of schedules. Their names are legions.

It is my deliberate conviction that if the making of such illegal schedules as are designed to secure temporary tonnage to the railway by the grossest discriminations in respect to rates were stopped by enforcing the law, in regard to schedule making, more than 99% of the present schedule-making would be stopped.

The railways unsupported by the enforcement of the law are powerless to prevent such manipulations of schedules, because under competitive conditions the railways can take no corrective action without the unanimous and continuous concurrence in good faith of all the railways.

The most conclusive evidence of such inability on the part of the companies, is the fact that some years ago a committee prepared a uniform classification for the whole country to take the place of one classification east of Chicago and a different classification west of Chicago.

Every railway company in the United States, except two companies, agreed to the uniform classification, and because two companies refused, the uniform classification failed.

WHO CAN ENFORCE THE LAW?

The law gives the commission ample and effective power to compel the making and publication of the schedules in accordance with the law, which would prevent and render physically impossible the discriminations as now practiced by manipulating schedules.

The law provides three methods of enforcement:

1st. It provides that no railway shall engage in interstate traffic until it has made, filed, and published legal schedules of rates. This provision is enforceable by injunction of the court upon motion of the commission only.

2nd. It provides a fine of not less than $1,000 or more than $20,000 for each offense for failure to make, file, and publish legal schedules. This provision is enforceable by indictment on motion of the commission only.

3rd. It provides that the commission may prescribe the form of the schedules.

It may be well doubted that the enforcement of the penalties would produce legal schedules.

The enforcement of the penalties of the law is necessary, but the impositions of penalties are, like strokes of lightning, effective when they hit, but both hits by lightning and hits by penalties are so infrequent that human life is reasonably safe from lightning, and rate discriminations are reasonably safe from penalties. And as long as mankind knows no safeguard against lightning, and as long as rate makers are unable to safeguard against discriminations, little attention will be paid to the dangers of being hit by lightning or by the penalties of the interstate commerce law. As a matter of fact, during the first fifteen years of the law lightning has hit oftener than penalties. In the first fifteen years of the law it is estimated that more than a billion dollars were paid in rebates, and the records of the Attorney-General's office show, as a matter of fact, that only $15,000 were paid in fines.

This therefore may be regarded as the net result of fifteen years of the penalties of the law:

$15,000 of fines against $1,000,000,000 of rebates.

But there are other provisions of the law which give a power and impose a duty upon the Interstate Commission which, if exercised, and enforced by calling attention to the penalties, would be effective in producing legal schedules.

The law provides that all schedules shall be filed with the commission before they become effective.

Under these provisions it is the duty of the commission to accept and file all *legal* schedules, but it is clearly a breach of duty on the part of the commission to accept or file *illegal* schedules.

In support of this proposition of law, I cite the opinion of the well-known lawyers, Messrs. Davis, Kellogg & Severance, which is printed as an appendix hereto, which opinion concludes as follows:

"If the Interstate Commerce Commission are desirous of obeying the law they expect carriers to obey, it is clearly their duty to prevent the filing of illegal schedules, supplements, and amendments."

The duty of the commission to obey the law which created the commission for the purpose of enforcing the law seems doubly obligating from the fact that the law provides no method by which the individual can protect himself.

Under the law as it stands the individual knowing that his business is being ruined by unlawful rates given to his competitor has no rem-

edy except to appeal to the commission. Nobody but the commission can put the law in motion to produce legal schedules or to protect the rights of the individual in respect to equality of rates.

Heretofore it has been the practice of the commission when an individual appealed for such protection to summons the parties complained of and require them to testify as to the facts. Having thus given the guilty parties an "immunity bath" against the penalties of the law in the course of months or years, it has filed an opinion that the practice was illegal, but the penalties of the law are unenforceable because the parties having testified are immune from prosecution.

This is not enforcing the law, but defeating the law, and the practice should be discontinued.

Of what use to the individual after his business is destroyed is an opinion of the commission that a practice is illegal which everybody knew was illegal without the opinion of the commission?

The new law provides ample means for ascertaining the facts without that kind of investigation, and the commission should understand that in respect to the enforcement of the law its duties are executive and not judicial, and that instead of holding public investigations and writing impotent opinions they should do something which is effective, and that it is more useful to prevent discriminations than to punish discriminations.

Now, it seems to be beyond doubt that if the Interstate Commission should prescribe a uniform form for schedules and should give the companies notice that it would hereafter neither accept nor file illegal schedules, and should give the companies ample time to compile and publish their rates in a legal form, and should couple such notice with a further notice that if legal schedules were not filed within the specified time the commission would apply to the courts for injunctions against the companies in default, restraining such companies from engaging in interstate traffic until they had filed legal schedules, and in addition the commission would take steps to enforce the penalties against such defaulting companies, the legal schedule would be brought into existence.

The commission should refuse to file illegal schedules pending the compilation of the legal schedules, because such a compilation could not, in the nature of things, be made while new schedules changing existing rates were being made, as now, at the average rate of more than 400 schedules per day.

In making such a rule, the commission need not fear that the business of the country will suffer for the want of schedules. With more than 2,500,000 separate schedules on file in the office of the commission and with from 8,000 to 10,000 schedules in the working files of each company, there are evidently schedules enough to carry the traffic of the country for years.

Besides, I am confident that, except for the purpose of giving a special rate to some important shipper which the law forbids, no more such illegal schedules as now exist need be made, and further, that, if debarred from making a new schedule to give a special rate to an important shipper, there is no freight agent so unresourceful that he can not "cough up" some existing rule which will "justify" the desired rate.

WHY ARE ILLEGAL SCHEDULES FILED BY THE COMMISSION?

It may seem so incredible that the commission has disregarded its duty in respect to filing illegal schedules for so many years that many readers may conclude that the commission does not regard most of the 2,500,000 schedules which it has filed in its office at Washington as illegal schedules.

On the contrary, in the case of *Suffern, Hunt & Co.* vs. *Indiana D. & W. R. R. Co.*, 7 I. C. C. reports, 258, and several cases therein cited, the commission has held that the schedules were illegal, inasmuch as they were not printed in such a manner that people of ordinary understanding, by inspection of the schedules, could determine for themselves the legal rates, and that schedules cannot legally be changed by amendments and rules.

But in each case the commission has been satisfied with writing and publishing an opinion to the effect that they were illegal.

The fact seems to be that the commission, like a great many of the people, have been hypnotized by the constantly repeated, absurd, and untruthful assertions on the part of the traffic managers, that it is impossible to make and publish schedules in the manner that the law requires schedules to be made and published.

Against these assertions by the traffic managers I make the most positive assertion that schedules meeting all the requirements of the law can be made, because schedules of the classified rates of the Western lines from such commercial centers as Chicago and Milwaukee, St. Paul and Minneapolis, Omaha and Council Bluffs to all western stations, alphabetically arranged in one book in such a form that merchants can, by inspection, determine the rates, have already been compiled, not by the railway companies, but by Mr. Wm. F. Stebbins, of Des Moines, Iowa, as an independent occupation.

Mr. Stebbins commenced these compilations about five years ago, and they have now become so popular with the merchants, and the demand for them has become so large, that the publication has become Mr. Stebbins's sole occupation.

Each of the books have only 64 pages, 10 inches by 5½ inches in size, but so convenient and useful are they that merchants, rather than to accept, without cost, the incomprehensible schedules printed by the railroads, readily pay $3.00 per volume for Stebbins' compilation.

The Stebbins compilation, without change of form, has only to be enlarged so as to embrace all the rates and the classification to make such a schedule as the law requires.

For the information of the public, and to support my statement with incontrovertible evidence, I print herewith a copy of a single page of Mr. Stebbins' compilation.

Stebbins official freight rate and shippers guide.

To all railway stations in North Dakota.	Pop.	Ex. Co.	Railways.	From Chicago & Milw. Freight rates per 100.					From Duluth & Sup. Freight rates per 100.					From Twin Cities. Freight rates per 100.				
				1 A	2 B	3 C	4 D	5 E	1 A	2 B	3 C	4 D	5 E	1 A	2 B	3 C	4 D	5 E
Backoo*	398	G.N.	Great Nor.	151	127	100	71	56	91	77	60	46	36	91	77	60	46	36
Balfour	429	Westn	M. St. P. Ste. M.	170	144	114	83	66	115	99	80	64	52	110	94	74	58	46
Carload rates				70	60	51	41	34	46	41	35	28	22	45	40	34	27	21
Bantry		G. N.	Great Nor.	172	145	116	86	70	112	95	76	61	50	112	95	76	61	50
Barlow	394	N. P.	Nor. Pac.	155	131	103	73	58	95	81	63	48	38	95	81	63	48	38
Barney	16	N. P.	Nor. Pac.	124	104	82	67	46	64	54	42	32	26	64	54	42	32	26
Bartlett	199	G. N.	Great Nor.	148	125	98	69	55	88	75	58	44	35	88	75	58	44	35
Barton	60	G. N.	Great Nor.	168	142	97	81	65	108	92	72	56	45	105	92	72	56	45
Bathgate	756	G. N.	Great Nor.	148	125	98	69	55	88	75	58	44	35	88	75	58	44	35
Carload rates				60	51	43	35	31	35	31	26	21	18	35	31	26	21	18
Bayne*		N. P.	Nor. Pac.	124	104	82	57	46	64	54	42	32	26	64	54	42	32	26
Beach*		N. P.	Nor. Pac.	200	168	148	109	91	140	118	98	84	71	140	118	98	84	71
Belfield		N. P.	Nor. Pac.	190	160	130	101	83	130	110	90	76	63	130	110	90	76	63
Belleplain*		G. N.	Great Nor.	130	110	86	60	48	80	68	53	40	32	70	60	46	35	28
Berea		N. P.	Nor. Pac.	140	118	93	65	52	80	68	53	40	32	80	68	53	40	32
Berlin		N. P.	Nor. Pac.	142	120	94	66	53	82	70	54	41	33	82	70	54	41	33
Berner*		N. P.	Nor. Pac.	129	109	86	60	48	69	59	46	35	28	69	59	46	35	28
Bessaba		N. P.	Nor. Pac.	158	134	91	75	59	98	84	66	50	39	98	84	66	50	39
Berthold		G. N.	Great Nor.	177	151	121	90	73	117	101	81	65	53	117	101	81	65	53
Berwick	119	G. N.	Great Nor.	168	142	113	82	65	108	92	73	57	45	108	92	73	57	45
Binford	80	N. P.	Nor. Pac.	150	127	99	70	56	90	77	59	45	36	90	77	59	45	36
Bisbee	209	G. N.	Great Nor.	165	140	110	80	64	105	90	70	55	44	105	90	70	55	44
Bismark	3,319	Westn	M. St. P. Ste. M.	160	135	107	76	61	100	85	67	51	41	100	85	67	51	41
Carload rates		N. P.	Nor. Pac.	65	55	47	39	33	40	35	30	25	20	40	35	30	25	20
Blabon*		G. N.	Great Nor.	140	118	93	65	52	80	68	53	40	32	80	68	53	40	32

With such conclusive evidence as this, of both the feasibility of making and the demand on the part of the public for such schedules, what possible excuse can the commission give for not at once adopting a form for the schedule and enforcing the publication of all the schedules in such form?

A PROVISION OF THE LAW TO PREVENT PRACTICAL FRAUDS.

To prevent practical frauds being committed by the unscrupulous by secretly making unjustifiable rates in reprinting schedules, that provision of the law which says "no change shall be made in rates * * * except after thirty days' notice to the commission and the public published as aforesaid which shall plainly state the changes proposed to be made," must be strictly enforced.

This notice is preliminary to the actual reprinting of the schedules, and a company having given this notice is debarred from making any other changes in the reprinting of the schedules. Thus completely has this law provided for a square deal between the railways and the railways, as well as between the railways and the public.

ADVANTAGES OF LEGAL SCHEDULES.

Besides preventing unjust discriminations by manipulating schedules, the advent of legal schedules would be of inestimable advantage to both the railways and the public.

Without attempting to enumerate all, I will mention the most important advantage which would inure to the companies.

The publication of legal schedules will introduce the principles of publicity, which are of recognized importance in all dealings with the public. The public being able, by inspection of the schedules, to determine for themselves the legal rate, will prevent suspicions that they are being "jockeyed" in respect to rates. Mutual confidences instead of increasing distrust will be fostered. And in process of time, just as distrusts were abolished and confidences established between the merchant and his customers, when the merchant adopted the practice of marking the price of his wares in plain figures instead of a private cipher, so will this publicity of rates replace distrusts with confidences and thereby establish the most effectual barrier against that increasing popular resentment which sometimes almost threatens confiscation of railway property.

The vast majority of the middle classes—in respect to wealth—of American citizens, who now and always will control legislation, are lovers of the "square deal," and when the railways are prepared to deal fairly with them they will deal fairly with the railways.

The advantages to the public will be manifold. Next to preventing discriminations, the most conspicuous will be the establishment of reasonably stable rates, with sufficient elasticity to meet all the natural conditions of trade. Such reasonable stability of rates will enable all classes of productive industries to plan their business in advance, with assurance that the rates of to-day will be the rates some months later. It will enable such industries to take advantage of the markets in purchases and to contract with safety for future deliveries.

It will be a special matter of justice to all shippers who, under the new law, are under most extraordinary penalties to pay the full schedule rates. Under legal schedule each shipper can determine for himself such legal rates, while under present conditions he must risk his fortune and his personal liberty upon the word of a freight agent whose zealous desire to secure traffic for his company frequently leads him to take most unwarranted chances in construing the meaning of rules and schedules and in quoting rates.

The new law is now in effect. The railway companies desire to obey it. But owing to the impossibility of so many companies coming to a unanimous agreement upon the details of schedule making, the companies without the aid of the commission are unable to adopt a form which will prevent manipulation of schedules.

The responsibility rests with the Interstate Commerce Commission.

The law deprives the individual of his natural right to protect his equal privileges upon the nation's great highways and confers the power and duty of thus protecting individual rights upon the commission alone. No longer can the commission plead want of power as a justification for inaction, as the amended law gives ample means and power to enforce the law, which, if exercised with intelligence and courage, will confer the expected benefits upon the people. If the commission performs its duty, its members will be rewarded by the respect of their fellow-citizens. If it fails they will merit and receive the contempt of their fellow-citizens, and the law, instead of doing justice, will become an instrumentality of injustice.

APPENDIX.

THE LEGAL OPINION OF MESSRS. DAVIS, KELLOGG & SEVERANCE:

FRANK B. KELLOGG
CORDENIO A. SEVERANCE
ROBERT E. OLDS

Davis, Kellogg & Severance
ATTORNEYS AT LAW
St. Paul, Minn.

JULY 28, 1906.

Mr. A. B. STICKNEY,
Pres., Chicago, Great Western Railway Co.,
St. Paul, Minn.

DEAR SIR: You ask our opinion as to whether under the interstate commerce act it is the duty of the Interstate Commerce Commission to receive and file circulars or sheets purporting to amend or change the rates shown upon schedules already filed pursuant to law, or whether, on the contrary, the law contemplates the printing of new schedules or the placing upon existing schedules whatever amendments may be made from time to time.

We are of opinion that it is the duty of carriers to print new schedules or to place upon the existing schedules the proposed changes. The interstate commerce act in this particular seems clear and unam-

biguous. The portions of sections 6 of the act as amended which are material to the question under discussion read as follows:

"No change shall be made in the rates, fares and charges or joint rates, fares, and charges, which have been filed and published by any common carrier in compliance with the requirements of this section, except after thirty days notice to the commission and to the public, published as aforesaid, which shall plainly state the changes proposed to be made in the schedule then in force and the time when the changed rates, fares, or charges will go into effect; *and the proposed changes shall be shown by printing new schedules, or shall be plainly indicated upon the schedules in force at the time, and kept open to public inspection.* * * *

The commission may determine and prescribe the form in which the schedules required by this section to be kept open to public inspection shall be prepared and arranged, and may change the form from time to time, as shall be found expedient."

The purpose of printing and posting tariffs is to give information to the public so that any person of average intelligence can, by an examination of the tariff posted in local stations ascertain the charges imposed for the transportation service. It is certainly within the power of the commission and it is their duty to require the original schedules to be compiled and printed with such method and system that the rates can readily be found. While the amended act extends to the commission power to "modify the requirements of this section in respect to publishing, posting, and filing of tariffs, either in particular instances or by a general order applicable to special or peculiar circumstances or conditions," it was clearly not intended to authorize the commission to annul a provision of the law so important to the public, and the commission has not in any of its opinions shown any disposition to relieve carriers from the obligations of the law in this respect.

In the case of *Rea* v. *Mobile & Ohio R. R. Co.*, 7 Interstate Commerce Rep., page 43, it was held that posting notices in a railway station that all rates are on file in the office of the station agent and may be examined upon application to such agent, does not constitute compliance with the requirements of the act in respect to the posting by a common carrier of printed schedules showing its rates, fares, and charges.

This rule was reaffirmed in the case of *Johnson* v. *C., St. P., M. & O. Ry. Co.*, 9 Interstate Commerce Rep., 221. In that case it appeared that the printed schedules were not publicly posted in the station house of the railway company, but a printed notice was posted on the wall inside the station, reciting, "The agent is supplied with a complete file of freight tariffs and rates of fare applying to and from this station, and that he is instructed to submit these tariffs and rates of fare to the inspection of anyone desiring to make shipments or to travel, and to explain fully such tariffs and rates and the manner in which they are obtained." The reason given for posting this notice instead of posting the tariffs, was that the tariff sheets were constantly being defaced or torn from the walls. The commission held that that was not a sufficient excuse, and that the posting of the notice on the wall of the station stating where such tariff sheets may be found, was not a sufficient compliance with the requirements of the law.

The practice of depositing the schedules with the agent and posting a notice in the station that they can be seen upon application to him is again disapproved by the commission in the case of *Paxton Tie Co.* v. *Detroit Southern Railroad Co.*, 10 Interstate Commerce Rep., page 422.

In the case of *Pitts & Son* v. *St. Louis & San Francisco R. R. Co. and Texas & Pacific Ry. Co.*, 10 Interstate Commerce Rep., page 684, the commission decided that a notation upon the tariff sheets of the Texas & Pacific Co. to the effect that where a lower rate could be made by any combination than that by which the traffic actually moved such combination would be protected, could not be regarded as the legal publication of a rate by that company. We quote from the syllabus in this case:

"That it is the duty of railroad companies, under the act to regulate commerce, to print, publish, and file tariffs showing rates which are so simplified that persons of ordinary comprehension can understand them; and that a notation in the tariff of one carrier making reference to the tariff of some competing carrier does not meet the requirements of the law that the rate charged shall be published and filed."

In the case of *Suffern, Hunt & Co.* v. *Indiana, Decatur & Western Ry. Co.*, 7 Interstate Commerce Rep., 255, the commission, at page 278, in considering the question as to whether a circular fixing minimum weights was effective, although filed with the commission, when it did not appear upon the schedules themselves, said:

"The law requires that the minimu n weight rule or regulation itself shall be stated on the tariff or schedule of rates, if it is to be made effective and that changes in such minimum weight, thereby advancing or reducing the charge, shall be shown by printing new schedules or plainly indicating such changes upon the existing rate schedule. Where slight changes are made in an existing schedule showing numerous rates, the printing of a supplement or amendment to the schedule showing such changes has been regarded as substantial compliance with the statute, but we have in different cases called attention to the uncertainty and confusion caused by the issuance of a considerable number of supplements or amendments to a rate sheet, and have pointed out that such practice is not in conformity with the law. *Colorado Fuel & I. Co.* v. *Southern Pac. Co.*, 6 Inters. Com. Rep., 488; *Johnston-Larimer Dry Goods Co.* v. *Atchison, T. & S. F. R. Co.*, 6 Inters. Com. Rep., 568. * * * Shippers and consignees can not, therefore, depend for the lawful rate or charge upon what may be quoted by the carrier's agent, but they must be guided by the published rate sheets themselves. Such interpretation of the law emphasizes the legal duty of the carriers to make their schedules of rates comply precisely with the mandatory provisions in the statute concerning the contents and publication of such schedules, in order that shippers may, upon inspection, be enabled to readily and accurately determine what rates, and what transportation rules affecting rates, are actually in force for any particular service."

In the case of *Colorado Fuel & Iron Co.* v. *Southern Pacific Co.*, cited by the commission in the last-mentioned case, the following statement appears in the conclusions of law, at page 519:

"Another reprehensible practice is that of a carrier reissuing the tariff of another line and, by supplement concurrently issued, limiting

its use of the rates therein prescribed to such as are over a specified minimum. Some of the rates sheets, obscure in themselves, have been so changed by numerous amendments and supplements as to make it impracticable to determine with certainty what rates are in force over the roads to which they apply. The only satisfactory method of publishing rates is to definitely state the charges fixed between points clearly specified, without burdening and confusing the public with involved calculations, or with scrutinizing a series of supplements to determine whether a particular rate has been changed since the original tariff was issued. The carriers are expected to remedy the defective character of their rate schedules, both as to form and contents, without delay."

From these authorities it seems apparent that the commission has not at any time sanctioned any departure from the strict language of the act with reference to the making and posting of schedules, and while they have not prevented the filing of supplementary tariffs, they have ruled, as we have shown, that they do not comply with the law.

In the case of *Suffern, Hunt & Co.* v. *Indiana, D. & W. R. R. Co.*, from which we quoted above, the commission further said:

"The fact that these circulars have been filed by this defendant with the commission, and that others containing similar provisions have been filed by other roads, and that this commission has not heretofore expressed an opinion upon the legality thereof, does not, as apparently claimed in defendant's answer, raise any presumption of approval by this commission of the rules or regulations therein set forth or of the manner in which they have been established. (*San Bernardino Board of Trade* v. *Atchison, T. & S. F. R. Co.* 4 I. C. C. Rep. 114, 3 Inters. Com. Rep. 138)."

Under the decisions to which we have called attention, it seems clear that the commission has not at any time intended to approve of or permit any departure from the rule of conduct laid down in the act, and being of opinion that supplementary tariffs, so-called, are not authorized by law, it would seem that the commission should refuse to permit such supplements to be filed. By continuing to receive them it does one of two things: Either inferentially winks at a violation of law, or permits its files to be encumbered and confused by an enormous number of documents which have no place there. There is no specific statute prohibiting the filing of these papers except as such prohibition may be inferred from the failure to authorize such filing; but that we do not regard as material. The law of the state of Illinois authorizing the organization of corporations provided by section 2 that no license should be issued to two companies of the same name, and by section 4 that the secretary of state should receive and file in his office a certificate of the vote of stockholders changing corporate names. In *Illinois Watch Co.* v. *Pearson*, 140 Ill., 423, it was held that where the secretary of state had refused to file a certificate of a vote of the stockholders of a corporation changing its name for the reason that the proposed name had been previously assumed by another corporation, mandamus would not lie to compel him to file it. On page 433 the court said:

"If said section 4 be considered by itself, it would seem that the filing of the certificate of change of name was a mere ministerial act and that the secretary of state had no discretion in the matter of

allowing it to be filed. But we are inclined to the view that section 4 should be construed in connection with section 2 of the corporation act. By the latter the secretary of state is clothed with the discretionary power of refusing a license to two corporations of the same name. If after he had granted a license for the formation of a corporation by a certain name, he should suffer an existing corporation to file a certificate showing its adoption of that same name, he would thereby be consenting to the existence of two corporations in the State of the same name. This would be a violation of the spirit, if not the letter, of the statutes."

This decision we regard as especially significant in the connection in which we are quoting it, by reason of the fact that the law gives the Interstate Commerce Commission power to prescribe the form and contents of schedules. It seems clear that if the commission refuses to permit the filing of papers which they have specifically held do not comply with the statute, no carrier can, by mandamus, compel the acceptance of such papers. It is a familiar rule that to entitle a deed to record it must be executed in accordance with the statute, and if by chance a defective deed is spread upon the records, it does not give constructive notice, and hence merely cumbers the records without serving any purpose whatever. See Devlin on Deeds, Secs. 645, 646, 656, and 657.

That rule was applied by the commission in the case of *Suffern, Hunt & Co.* v. *Indiana, D. & W. R. R. Co.*, from which we have heretofore quoted, for while the circulars fixing minimum rates were on file with the commission, they were held ineffectual because not appearing upon the schedules, as required by law, and the commission ordered reparation.

There are two cases in the District of Columbia which indicate that the courts of the District, in case an application for mandamus should be sued out by any railroad company to compel the acceptance of schedules not made up in conformity with the law, would refuse to order them filed.

In the case of *Dancy* v. *Clark*, 24 Appeal Cases (D. C.) 487, a writ of mandamus was prayed against the recorder of deeds for the District of Columbia to require him to receive and record a certificate of incorporation which he had refused to receive and record, on the ground that it violated the provisions of the code for the District in that the certificate contemplated the carrying on by the proposed corporation of five several classes of business instead of one separate and independent business. He also objected to recording this certificate on the ground that the same was not executed by all of the proposed trustees, and further because it contemplated the use of funds of the corporation in the purchase of the stock of other companies, in contravention of law. The court held that while the recorder of deeds was a ministerial officer without jurisdiction to pass upon the validity of an instrument in writing presented to him for record, he was not wholly without discretion to determine whether a given instrument should be admitted to record, and that mandamus would be refused where an inspection of the instrument by the court showed that it was not executed in accordance with the statute.

In the case of *Allen* v. *United States*, 22 Appeal Cases (D. C.), 271, it was held that where the Commissioner of Patents denied

an application for registration of a label on the ground that it was not descriptive of the article for which it was used and therefore not entitled to registration under the act of Congress of June 18, 1874 (chapter 301, 18 Stat. at Large 78, and U. S. Compiled Stat. 1901, page 3411), the Court of Appeals for the District had no power to review the decision by mandamus, as his duty under the statute does not simply require the performance of a mere ministerial act, but also requires the determination by him of whether the thing presented for registration is or is not a label as defined by the statutes.

These decisions are important, because they are rendered in the courts that would naturally be applied to for relief by any railroad company seeking to enforce the filing of schedules or supplements.

We are of the opinion that a railroad company could not compel the commission to accept faulty schedules or amendments thereto, and therefore, as we must assume that the Interstate Commerce Commissioners are desirous of obeying the law which they expect the carriers to obey, it is clearly their duty to prevent the filing of illegal schedules, supplements, or amendments.

Respectfully, yours,

E DAVIS, KELLOGG & SEVERANCE.

DEFENDANTS' EXHIBIT 114-A.

C. E. Northrop—10-22-'92—500.

WESTERN NEW YORK & PENNSYLVANIA R. R.

GENERAL FREIGHT DEPARTMENT.

Agreed percentages

Between all points on

WESTERN NEW YORK & PENNSYLVANIA R. R.

And all points on

ROME, WATERTOWN & OGDENSBURG R. R.

No. 221.

Taking effect, November 7, 1892.

Between—	Roads.	W. N. Y. & P. R. R. groups via Rochester and Charlotte.								W. N. Y. & P. R. R. groups via Buffalo and Suspension Bridge.			
		Group A.		Group B.		Group C.		Group D.		Group E.		Group F.	
		Miles.	Per cent.	Miles.	Per cent.	Miles.	Per cent.	Miles.	Per cent.	Miles.	Per cent.	Miles.	Per cent.
R., W. & O. R. R. Group No. 1.	W. N. Y. & P.	100	40	157	51.14	222	59.68	287	65.68	75	30	140	44.44
	N. Y. C. & H. R.	50	20	50	16.29	50	13.44	50	11.44	75	30	75	23.81
	R., W. & O.	100	40	100	32.57	100	26.88	100	22.88	100	40	100	31.75
		250	100	307	100	372	100	437	100	250	100	315	100
		W. N. Y. & P. R. R. groups via Rochester and Charlotte.								W. N. Y. & P. R. R. groups via Buffalo and Charlotte.			
R., W. & O. R. R. Group No. 2.	W. N. Y. & P.	100	40	157	51.14	222	59.68	287	65.68	75	27.27	140	41.18
	N. Y. C. & H. R.	50	20	50	16 29	50	13.44	50	11.44	100	36.37	100	29.41
	R., W. & O.	100	40	100	32.57	100	26.88	100	22.88	100	36.36	100	29.41
		250	100	307	100	372	100	437	100	275	100	340	100
R., W. & O. R. R. Group No. 3.	W. N. Y. & P.	100	30.96	157	41.32	222	49.89	287	56.28	75	21.55	140	33.90
	N. Y. C. & H. R.	50	15.48	50	13.16	50	11.24	50	9.80	100	28.74	100	24.21
	R., W. & O.	173	53.56	173	45.52	173	38.87	173	33.92	173	49.71	173	41.89
		323	100	380	100	445	100	510	100	348	100	413	100
R., W. & O. R. R. Group No. 4.	W. N. Y. & P.	100	21.93	157	30.60	222	38.41	287	44.63	75	15.59	140	25.64
	N. Y. C. & H. R.	50	10.96	50	9.75	50	8.65	50	7.78	100	20.79	100	18.32
	R., W. & O.	306	67.11	306	59.65	306	52.94	306	47.59	306	63.62	306	56.04
		456	100	513	100	578	100	643	100	481	100	546	100
R., W. & O. R. R. Group No. 5.	W. N. Y. & P.	100	18.42	157	26.17	222	33.38	287	39.31	75	13.21	140	22.12
	N. Y. C. & H. R.	50	9.21	50	8.33	50	7.52	50	6.85	100	17.60	100	15.80
	R., W. & O.	393	72.37	393	65.50	393	59.10	393	53.84	393	69.19	393	62.08
		543	100	600	100	665	100	730	100	568	100	633	100

For list of W. N. Y. & P. R. R. and R., W. & O. R. R. stations comprised in above groups see back of this sheet.

S. GOODMAN,
G. F. A., R., & O. R. R.,
New York City.

EDWARD T. JOHNSON,
G. F. A., W. N. Y. & P. R. R.,
Buffalo, N. Y.

BUFFALO, N. Y., *November 7, 1892.*

114-A-2

WESTERN NEW YORK & PENNSYLVANIA R. R. STATIONS.

COMPRISED IN

GROUP A.

Cuba.....N. Y.
Black Creek..... "
Belfast..... "
Caneadea..... "
Houghton..... "
Fillmore..... "
Rossburg..... "
Portageville..... "
Nunda..... "
*Swains..... "
Tuscarora..... "
Mt. Morris..... "
Cuylerville..... "
Retsof Junc..... "
Piffard..... "
York..... "
Fowlerville..... "
Scottsville..... "
Genesee Junc..... "

GROUP B.

*Westons.....N. Y.
Portville..... "
Bullis Mills.....Pa.
Eldred..... "
Larabee..... "
Turtle Point..... "
Pt. Alleghany..... "
Liberty..... "
Keating Summit..Pa.
Shippen..... "
Emporium..... "
Smethport..... "
Colegrove..... "
Clermont..... "
Knapps Creek.....N. Y.
Tarport.....Pa.
Bradford..... "
Duke Centre..... "
Rixford..... "

GROUP C.

*Toad Hollow.....Pa.
Marshburg..... "
White Gravel..... "
Watsonville..... "
Morrisons..... "
*Dew Drop..... "
Allegany.....N. Y.
So. Carrollton..... "
Salamanca..... "
Red House..... "
Quaker Bridge..... "
Wolf Run..... "
Corydon.....Pa.
Sugar Run..... "
Kinzua..... "
Struthers..... "
Warren..... "
Thompsons..... "
Tidioute.....Pa.
Hickory..... "
Tionesta..... "
Eagle Rock..... "
Oil City..... "

GROUP D.

Coulson.....Pa.
Jackson Centre..... "
Houston Junc..... "
Mercer..... "
Leesburg..... "
Volant..... "
Wilmington Junc.. "
New Castle..... "

GROUP E.

Ebenezer.....N. Y.
Elma..... "
Jamison Road..... "
East Aurora..... "
So. Wales..... "
Holland..... "
Protection..... "
Chaffee..... "
Arcade..... "
Yorkshire Centre.. "
Machias..... "
Franklinville..... "
Ischua..... "
Hinsdale.....N. Y.
Olean..... "

GROUP F.

Blasdell.....N. Y.
Lake View..... "
Angola..... "
Farnham..... "
Irving..... "
Silver Creek..... "
Dunkirk..... "
Brocton..... "
Prospect..... "
Mayville..... "
Summerdale..... "
Sherman..... "
Panama..... "
Clymer..... "
Corry.....Pa.
Spartansburg..... "
Centerville..... "
Tryonville..... "
Riceville..... "
Lincolnville..... "
Union City..... "
Hydetown..... "
Titusville..... "
Boughton..... "
Petroleum Centre . "
Rouseville..... "

ROME, WATERTOWN & OGDENSBURG R. R. STATIONS.

COMPRISED IN

GROUP NO. 1.

Greece.....N. Y.
Parma..... "
East Hamlin..... "
Hamlin..... "
East Kendall..... "
Kendall..... "
East Carlton..... "
Carlton..... "
Waterport..... "
Carlyon..... "
Lyndonville..... "
County Line..... "
Somerset..... "
Hess Road..... "
Newfane..... "
Wilson..... "
Ransomville..... "
Lewiston..... "

GROUP NO. 2.

Oswego.....N. Y.
Hannibal..... "
Sterling Valley.... "
Sterling..... "
Red Creek..... "
Wolcott..... "
Rose..... "
Alton..... "
Wallington.....N. Y.
Sodus..... "
Williamson..... "
Ontario..... "
Lakeside..... "
Union Hill..... "
Webster..... "

GROUP NO. 3.

Liverpool.....N. Y.
Woodard..... "
Three River Point. "
Phoenix..... "
Fulton..... "
Oswego..... "

GROUP NO. 4.

Richland.....N. Y.
Sand Hill..... "
Mexico..... "
New Haven..... "
Scriba..... "
Albion..... "
Kasoag..... "
Williamstown..... "
West Camden..... "
Camden..... "
McConnellsville... "
Taberg..... "
Rome..... "

GROUP NO. 5.

Brewerton.....N. Y.
Central Square.... "
Mallory..... "
Hastings..... "
Parish..... "
Union Square..... "
Sandy Creek..... "
Mannsville..... "
Pierrepont Manor. "
Adams..... "
Adams Centre.... "
Rices..... "
Watertown..... "
Limerick..... "
Chaumont..... "
Three Mile Bay... "
Cape Vincent..... "
Sacket Harbor.... "
Black River..... "
Felts Mills..... "
Great Bend..... "
Carthage..... "
Deer River..... "
Castorland..... "
Lowville..... "
Glendale..... "
Lyons Falls..... "
Port Leyden..... "
Boonville..... "
Alder Creek.....N. Y
Remsen..... "
Prospect..... "
Trenton..... "
Holland Patent... "
Stittville..... "
Sandfords Corners. "
Evans Mills..... "
Philadelphia..... "
Sterlingville..... "
Orleans Corners... "
Lafargeville..... "
Clayton..... "
Theresa..... "
Redwood..... "
Hammond..... "
Brier Hill..... "
Morristown..... "
Ogdensburg..... "
Antwerp..... "
Keenes..... "
Gouverneur..... "
Richville..... "
De Kalb Junc..... "
Rensselaer Falls... "
Heuvelton..... "
Canton..... "
Potsdam..... "
Norwood..... "
Massena Springs... "

* No agent.

DEFENDANTS' EXHIBIT 114-B.

8-17-04—300.-Henry Gabriel & Co., Printers, Buffalo.

Not to be posted.

PENNSYLVANIA RAILROAD COMPANY.

Percentage Sheet No. 39.

Cancelling W. N. Y. & P. R. R. Percentage Sheet No. 221, effective November 7, 1892, and Supplement No. 1.

The percentages shown within will be applied to the Division of Revenue on business between stations on Buffalo, Rochester and Chautauqua Divisions of

PENNSYLVANIA RAILROAD COMPANY,

And all stations on

ROME, WATERTOWN AND OGDENSBURG DIVISION

of the

New York Central & Hudson River R. R.
As shown Herein.

Route: Via East Buffalo, N. Y., or Rochester, N. Y.

Effective August 30, 1904.

EDWARD T. JOHNSON,
D. F. A., B. & A. V. Div., P. R. R., Buffalo, N. Y.

BUFFALO, N. Y., *August 23, 1904.*
File 22801.

114 B—2

Between— / And—		Roads.	N. Y. C. & H. R. R. R. (R., W. & O. division) groups.									
			Group A.		Group B.		Group C.		Group D.		Group E.	
			Miles.	Per cents.	Miles.	Per cents.	Miles.	Per cents.	Miles.	Per cents.	Miles.	Per cents.
Pennsylvania R. R. groups.	Group 1.	P. R. R.	100	40.00	100	40.00	100	30.96	100	21.93	100	20.00
		N. Y. C. & H. R. R. R.	150	60.00	150	60.00	223	69.04	356	78.07	443	80.00
	Group 2.	P. R. R.	121	40.88	157	51.14	157	41.32	157	30.60	157	26.17
		N. Y. C. & H. R. R. R.	175	59.12	150	48.86	223	58.68	356	69.40	443	73.83
	Group 3.	P. R. R.	186	51.52	222	59.68	222	49.89	222	38.41	222	33.38
		N. Y. C. & H. R. R. R.	175	48.48	150	40.32	223	50.11	356	61.59	443	66.62
	Group 4.	P. R. R.	75	30.00	75	27.27	75	21.55	75	20.00	75	20.00
		N. Y. C. & H. R. R. R.	175	70.00	200	72.73	273	78.45	406	80.00	493	80.00
	Group 5.	P. R. R.	140	44.44	140	41.18	140	33.90	140	25.64	140	22.12
		N. Y. C. & H. R. R. R.	175	55.56	200	58.82	273	66.10	406	74.36	493	77.88
	Group 6.	P. R. R.	140	44.44	222	59.68	222	49.89	222	38.41	222	33.38
		N. Y. C. & H. R. R. R.	175	55.56	150	40.32	223	50.11	356	61.59	443	66.62

ROUTE TABLE.

Between— / And—	Pennsylvania R. R. groups—		
New York Central & Hudson River R. R. groups.	Group 7.	Group 8.	Group 9.
Group F	East Buffalo...N. Y.	East Buffalo...N. Y.	Rochester.....N. Y.
Group G	Rochester..... "	East Buffalo... "	Rochester..... "

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PENNSYLVANIA RAILROAD LIST OF STATIONS.

Stations.		Percentage Group No.	Route Group No.	Stations.		Percentage Group No.	Route Group No.
Allegany	N. Y.	3	7	Limestone	N. Y.	3	7
Angola	"	5	8	Machias	"	4	8
Arcade	"	4	8	Marshburg	Pa.	3	7
Belfast	"	1	9	Mayville	N. Y.	5	8
Black Creek[a]	"	1	9	Morrisons[a]	Pa.	3	7
Blasdell	"	5	8	Mount Morris	N. Y.	1	9
Boughton	Pa.	5	8	Nunda	"	1	9
Bradford	"	3	7	Nunda Junction[a]	"	1	9
Brocton	N. Y.	5	8	Oil City	Pa.	6	7
Bullis Mills[a]	Pa.	2	7	Olean	N. Y.	4	8
Caneadea	N. Y.	1	9	Panama	"	5	8
Carrolltona[a]	"	3	7	Petroleum Center[a]	Pa.	5	8
Centerville (Crawford Co.)	Pa.	5	8	Piffard	N. Y.	1	9
Chaffee	N. Y.	4	8	Portage	"	1	9
Clermont	Pa.	2	7	Port Allegany	Pa.	2	7
Clymer	N. Y.	5	8	Portville	N. Y.	2	7
Colegrove	Pa.	2	7	Prospect	"	5	8
Corry	"	5	8	Protection	"	4	8
Corydon	"	3	7	Quaker Bridge[a]	"	3	7
Cuba	N. Y.	1	9	Red House	"	3	7
Cuylerville[a]	"	1	9	Rockwood	Pa.	3	7
Delevan	"	4	8	Rossburg	N. Y.	1	9
Derby	"	5	8	Rouseville	Pa.	5	8
Dew Drop[a]	Pa.	3	7	Salamanca	N. Y.	3	7
Dunkirk	N. Y.	5	8	Scottsville	"	1	9
Eagle Rock	Pa.	3	7	Sherman	"	5	8
East Aurora	N. Y.	4	8	Shippen	Pa.	2	7
East Bradford	Pa.	3	7	Silver Creek	N. Y.	5	8
Ebenezer	N. Y.	4	8	Smethport	Pa.	2	7
Eldred	Pa.	2	7	Sonyea	N. Y.	1	9
Elma	N. Y.	4	8	South Wales	"	4	8
Emporium	Pa.	2	7	Spartansburg	Pa.	5	8
Farnham[a]	N. Y.	5	8	Struthers	"	3	7
Fillmore	"	1	9	Sugar Run[a]	"	3	7
Fowlerville	"	1	9	Summerdale	N. Y.	5	8
Franklinville[a]	"	4	8	Swains[a]	"	1	9
Gardenville Junction[a]	"	4	8	Thompson[a]	Pa.	3	7
Genesee Junction	"	1	9	Tidioute	"	3	7
Hickory	Pa.	3	7	Tionesta	"	3	7
Hinsdale	N. Y.	4	8	Titusville	"	5	8
Holland	"	4	8	Tryonville	"	5	8
Houghton	"	1	9	Turtle Point[a]	"	2	7
Hydetown	Pa.	5	8	Tuscarora	N. Y.	1	9
Idlewood[a]	N. Y.	5	8	Vandalia	"	3	7
Irving	"	5	8	Wadsworth Junction	"	1	9
Ischua	"	4	8	Wanakahe	"	5	8
Jamison Road	"	4	8	Warren	Pa.	3	7
Keating Summit	Pa.	2	7	Watsonville[a]	"	3	7
Kinzua	"	3	7	Westons[a]	N. Y.	2	7
Lake View	N. Y.	5	8	West Line	Pa.	3	7
Larabee	Pa.	2	7	White Gravel[a]	"	3	7
Liberty[a]	"	2	7	Wolf Run	N. Y.	3	7
Lime Lake	N. Y.	4	8	York[a]	"	1	9

[a] No agent; freight must be prepaid.

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Stations.	Percentage group letter.	Route group letter.
Model City, N. Y.	A	F
Ransomville, "		
Wilson, "		
Coomer [a], "		
Newfane, "		
Appleton, "		
Barker, "		
County Line, "		
Lyndonville, "		
Carlyon, "		
Waterport, "		
Carlton, "		
Kent, "		
Kendall, "		
Morton, "		
Hamlin, "		
East Hamlin, "		
Hilton, "		
Greece, "		
Windsor Beach [a b], "	B	G
Sea Breeze [a c], "		
Forest Lawn [a b], "		
Brinker Place, "		
Webster, "		
Union Hill, "		
Lakeside, "		
Ontario, "		
Williamson, "		
Sodus, "		
Wallington, "		
Alton, "		
Rose, "		
Wolcott, "		
Red Creek, "		
Sterling, "		
Crocketts, "		
Hannibal, "		
Wheelers [a b], "		
Furniss, "		
Oswego, "		
Fulton, "		
Phoenix, "	C	G
Three River Point [a b], "		
Woodard, "		
Liverpool, "		
Scriba, "	D	G
New Haven, "	D	G
Mexico, "		
Daysville, "		
Pulaski, "		
Fernwood, "	E	G
Union Square, "		
Parish, "		
Hastings, Oswego, Co., "		
Mallory, "		
Central Square, "		
Brewerton, "		
Clay, "		
Richland, "		
Altmar, "		
Kasoag, "		
Williamstown, "		
West Camden, "	D	G
Camden, "		
McConnellsville, "		
Blossvale, "		
Humaston [a c], "		
Lacona, N. Y.	E	G
Mannsville, "		
Pierrepont Manor, "		
Adams, "		
Adams Centre, "		
Rices, "		
Watertown, "		
Brownville, "		
Dexter [d], "		
Limerick, "		
Chaumont, "		
Three Mile Bay, "		
Rosier, "		
Cape Vincent, "		
Alversons [a c], "		
Sacketts Harbor, "		
Black River, "		
Felts Mills, "		
Great Bend, "		
Carthage, "		
Deer River, "		
Castorland, "		
Lowville, "		
Martinsburg [a c], "		
Glenfield, "		
Lyons Falls, "		
Port Leyden, "		
Denley [a b], "		
Boonville, "		
Alder Creek, "		
East Stueben [a b], "		
Remsen, "		
Prospect, "		
Trenton Falls [a b], "		
Barneveld, "		
Holland Patent, "		
Stittville, "		
Marcy [a c], "		
Sanfords, "		
Evans, "		
Philadelphia, "		
Sterlingville, "		
Rivergate [a b], "		
Stroughs [a b], "		
Orleans Corners, "		
Lafargeville, "		
Clayton, "		
Theresa, "		
Redwood, "		
South Hammond, "		
Hammond, "		
Briar Hill, "		
Morristown, "		
Ogdensburg, "		
Antwerp, "		
Kennes, "		
Matoon [a b], "		
Gouveneur, "		
Richville, "		
DeKalb Junction, "		
Rensselaer Falls, "		
Hauvelton, "		
Canton, "		
Holden [a b], "		
Potsdam, "		
Norwood, "		
Plumbrook [a c], "		
Massena Springs, "		

[a] No agent.
[b] C. L. only.
[c] No siding, L. C. L. only.
[d] Plus $1 per car on C. L. shipments, and two cents per 100 lbs. on L. C. L. shipments. Switching and terminal charge at Dexter, N. Y., to be added to rate and allowed to N. Y. C. & H. R. R. R.

DEFENDANTS' EXHIBIT 115.

TARIFF CIRCULAR NO. 4–A.

INTERSTATE COMMERCE COMMISSION,
Washington, September 29, 1906.

To ———

The Interstate Commerce Commission, in answer to numerous inquiries from railroad officials and other interested persons and for the purpose of giving administrative construction to certain provisions of the amended act to regulate commerce which became effective on the 28th day of August, 1906, announces the following rulings:

Notice of changes in rates.—Where a joint rate is in effect by a given route which is higher between any points than the sum of the locals between the same pionts, by the same route, such higher joint rate may, *until December 31, 1906*, be changed by reducing the same to the sum of such locals, but not otherwise, upon posting one day in advance a tariff of such reduced rate and mailing a copy thereof to the Commission.

Desire to meet the rates of a competing road or line which has given the full statutory notice of change in rates will not of itself be regarded as good cause for allowing changes in rates on a notice of less than thirty days.

Party rate tickets.—The tariffs and regulations governing the issuance and use of party rate tickets, together with the rules relating to the allowance of free baggage to persons using such tickets, must be regularly filed and published. The privileges so extended must not be limited to any particular class or classes of persons, but must be open to all. Regulations governing the issuance and use of party rate tickets must not be such as will operate to evade or nullify any provisions of the law. The commission suggests that the rules should provide that the party shall travel on one ticket and consist of not less than ten persons.

In special or emergency cases prompt consideration will be given to requests to change tariff rates governing party rate tickets on less than thirty days' notice, when such requests are accompanied with full information as to the conditions and necessities upon which they are based.

Filing intrastate rates.—All intrastate or other rates which are used in combination with interstate rates for interstate shipments must be posted and filed with the Commission, and can only be changed, as to such traffic, in accordance with the act.

EDW. A. MOSELEY,
Secretary.

DEFENDANTS' EXHIBIT 116.

Comparative statement of shipments to Burlington, Vt., for the years 1904 and 1905.

From—	1904.	1905.
New London	77 cars.	82 cars.
Olean	161 "	175 "
Wilson's Point	...	31 "
Boston	...	5 "

Total from Olean	336—	63%
Total from other points	195—	37%
		100%

DEFENDANTS' EXHIBIT 117.

Statement of carload shipments from Olean to Rochester proper and to points beyond in the years 1903, 1904, and 1905.

To—	1903.	1904.	1905.	Total.	Per cent.
Rochester proper	2,534	2,401	3,026	7,961	73%
Points in New York State beyond Rochester	1,208	734	416	2,358	21%
New England via Rochester	254	229	143	626	6%

DEFENDANTS' EXHIBIT 118.

New Rate. Two copies to be posted ..... Interstate.
I. C. C. K. No. 8156.

CENTRAL RAILROAD COMPANY OF NEW JERSEY.

Proportional tariff

on

REFINED AND CRUDE PETROLEUM.

When loaded from pipe line into individual tank cars.
Carloads, minimum weight full capacity of tank.

From

FREEMANSBURG, PA.,

to

CONSTABLE HOOK, N. J.

Refined petroleum
10c. per barrel.

Crude petroleum.
9c. per barrel.

Issued January 6, 1906. Taking effect January 9, 1906.
Void December 31, 1906.

E. M. SNYDER,
General Freight Agent.

W. E. PUGH,
Division Freight Agent.

T. B. KOONS,
Freight Traffic Manager.

New York, January 6, 1906. File 2580–91643.

DEFENDANTS' EXHIBIT 119-A.

L. R. O.—G. No. 727. (Canceling L. R. O.—G. No. 264.)

(Reissue.)

Not to be posted.

PENNSYLVANIA RAILROAD.

Tariff of commodity rates

from

PHILADELPHIA, PA.,

to

POINTS NOTED WITHIN.

IMPORTANT.

On shipments other than iron ore, beauxite ore, and iron pyrites reaching Philadelphia by vessel, either from foreign or domestic ports, and docking at railroad terminals and reshipped to points shown within when the rate from Philadelphia is less than 3¾ cents per 100 pounds, or 75 cents per net or gross ton, agents will add ½ cent per 100 pounds or 10 cents per net or gross ton to the published rate. If, however, the addition of ½ cent per 100 pounds or 10 cents per net or gross ton exceeds 3¾ cents per 100 pounds or 75 cents per net or gross ton, 3¾ cents per 100 pounds or 75 cents per net or gross ton must be charged.

Subject to Rules and Regulations of Official Classification or exceptions thereto as per F. D. No. 5 (I. C. C.—G. No. 2242) or subsequent issue.

These rates must not be exceeded to intermediate points.

Under this tariff when freight is to be loaded by consignor or unloaded by consignee, one dollar ($1.00) per car per day or fraction thereof for delay beyond forty-eight hours in loading or unloading, will be added to the rates named herein and constitute a part of the total charges to be collected by the carrier on the property; except, however, when in conflict with Car Service Association or local regulations at shipping point or destination, in which case such Car Service Association or local regulations shall prevail.

This tariff does not expire with the calendar year, but remains in effect until superseded or withdrawn.

Issued February 13, 1905, by — Taking effect February 13, 1905.

GEO. D. DIXON, *F. T. M., P. R. R.* — E. P. BATES, *G. F. A., P. R. R.* — ROBT. C. WRIGHT, *A. G. F. A., P. R. R.*

Philadelphia, Pa. (Mailing List No. 198)

(300)

(R-G. 7334)

DEFENDANTS' EXHIBIT 119-A—PAGE 1.

EXPLANATION OF NOTES.

NOTE 1.—Car load minimum weight 20 gross tons, except that when the marked capacity of the car is less the marked capacity of the car shall be the minimum weight, but in no case will the minimum weight be less than 15 gross tons.

NOTE 2.—Carload minimum weight per Official Classification.

NOTE 3.—Carload minimum weight 30,000 pounds.

NOTE 4.—Carload minimum weight per General Notice No. 100.

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DEFENDANTS' EXHIBIT 119-A—PAGE 2.

To—	Articles.	Rate.
Points on Philadelphia and Schuylkill divisions.	Brewer's grains	Car loads, minimum weight 24,000 lbs.
Points on Philadelphia and Schuylkill divisions.	Black residue or black ash	Class A rate, car loads.
Points on the Pennsylvania Railroad system on or reached via Philadelphia division or Schuylkill division.	Pig iron, C. L., coming from the south via rail or water lines unprotected by through rate.	Current 6th class rate, not exceeding the manufactured iron rate in effect at time of shipment, carloads.
All points on the Philadelphia division, main line, Harrisburg, Pa., and east; Mt. Joy branch; Schuylkill division, main line, Pottsville, Pa., and east, Baltimore division; Hanover, Pa., and east to Wrightsville, Pa., inclusive, and Columbia & Port Deposit Ry.	Coca-cola (in kegs)	Current 3d class rate at time of shipment.
All points on Schuylkill division.	Dressed beef	Current 3d class rate at time of shipment, car loads, minimum as per official classification.
All points on the Philadelphia & Erie Railroad north of Pottsville, to Sunbury, Pa., inc., and Wilkesbarre, Pa., exc., and points on the Shamokin division of Northern Central Railway.	Rope (in coils)	13 cents per 100 lbs., car loads, minimum 20,000 lbs.
Aldham.....Pa.	Paper stock	8 cents per 100 lbs., any quantity.
Alexandria.....Pa. (Huntingdon County.)	Import magnesite, in packages. Import fire clay, in packages	$2.20 per 2,000 pounds, car load, minimum weight 40,000 pounds.
Apollo.....Pa.	Sal ammoniac	13 cents per 100 lbs., car loads. (See note 2.)
Ardmore.....Pa.	Cotton waste (in bales, bags, bundles, sacks, or crates). Rags and shoddy (in bales, bags, bundles, sacks, or crates).	6 cents per 100 lbs., any quantity.
	Wool (in compressed bales)	6 cents per 100 lbs., car loads, minimum 10,000 lbs.
	Hair (in pressed bales)	6 cents per 100 lbs., any quantity
Atglen.....Pa.	Alum, bleach clay, plaster, rosin, soda ash, soapstone, bagging, paper stock, paper pulp, rags, rag dust, waste paper, waste rope, wood pulp, all in packages and for use in the manufacture of paper, binders' boards, or strawboards.	8 cents per 100 lbs., any quantity.

For explanation of notes see page 1.

DEFENDANTS' EXHIBIT 119-A—PAGE 3.

To—	Articles.	Rate.
Beavertown.....Pa..	Green salted hides.....	14 cents per 100 lbs. car loads. (See note 2.)
Betzwood.....Pa..	Manure.....	60 cents per 2,000 lbs., car loads. (See note 4.)
	Street dirt.....	60 cents per 2,000 lbs. (See note 4.)
Blairsville.....Pa..	Nitrate of soda, magnesia, soda ash, arsenic.	1 cent per 100 lbs., less than rates current to Pittsburgh.
Blue Bell.....Pa..	Manure.....	55 cents per 2,000 lbs. (See note 4.)
Buck Run.....Pa..	Bleach, soda ash, rosin, and alum.	8 cents per 100 lbs., lots less than 10,000 lbs. 7 cents per 100 lbs., car loads, 10,000 lbs. and over.
	Clay and wood pulp (in packages).	8 cents per 100 lbs., less than car loads.
	Paper stock and waste paper (in sacks).	8 cents per 100 lbs., any quantity.
Burnham.....Pa..	Import fire clay and import magnesite.	$2.20 per 2,000 lbs., car loads. (See note 3.)
	Import pig iron.....	$1.70 per 2,240 lbs., car loads. (See note 1.)
	Import ferro-manganese.....	$1.82 per 2,240 lbs., car loads. (See note 1.)
Catawissa.....Pa..	Window glass.....	14 cents per 100 lbs., car loads. (See note 2.) 17 cents per 100 lbs., less than car loads.
	Clay.....	$1.50 per 2,000 lbs., car loads.
Clearfield.....Pa..	Grain.....	10 cents per 100 lbs., car loads.
	Green salted hides.....	14 cents per 100 lbs., car loads. (See note 2.)
Coatesville.....Pa..	Ground phosphate rock (acid phosphate) and kainit.	$1.10 per 2,000 lbs., car loads. (See note 4.)
	Ferro-manganese.....	80 cents per 2,240 lbs., car load. (See note 1.)
	Imported spiegel eisen.....	80 cents per 2,240 lbs., car loads. (See note 1.)
	Import magnesite and fire clay.	95 cents per 2,000 lbs., car load. (See note 3.)
	Import pig iron.....	80 cents per 2,240 lbs., car loads. (See note 1.)
	Wool (in bales).....	13 cents per 100 lbs., less than car loads.
	Waste paper, waste rope, wood pulp, paper stock, paper pulp, rags, rag dust.	7 cents per 100 lbs., any quantity.
Conshohocken.....Pa..	Import magnesite and fire clay.	80 cents per 2,000 lbs., car load. (See note 3.)
	Street dirt.....	55 cents per 2,000 lbs., car loads. (See note 4.)
	Manure.....	55 cents per 2,000 lbs., car loads. (See note 4.)
	Spelter.....	5 cents per 100 lbs., car loads. (See note 2.)

For explanation of notes, see page 1.

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DEFENDANTS' EXHIBIT 119-A—PAGE 4.

To—	Articles.	Rate.
Cornwall & Lebanon Railroad points.	Fire brick	$1.75 per 2,000 lbs., car loads. (See note 4.)
	Import magnesite and fire clay.	$1.35 per 2,000 lbs., car load. (See note 3.)
	Gravel and clay	75 cents per 2,000 lbs., car loads. (See note 2.)
	Import pig iron	$1.10 per 2,240 lbs., car loads. (See note 1.)
	Plaster (wall)	$1.50 per 2,000 lbs., car loads. (See note 2.)
	Plaster (land)	$1.30 per 2,000 lbs., car loads. (See note 2.)
	Sulphuric acid, in tank cars	10 cents per 100 lbs., car load minimum, maximum capacity of tank.
	Cement, pewter, and plaster (in separate or mixed carloads).	$1.75 per 2,000 lbs., car loads. (See note 2.)
	Asphalt paving blocks (uniform with P. & R.)	$1.15 per 2,000 lbs., car loads. (See note 2.)
	Coca-Cola (in kegs)	Current 3d class rate at time of shipment.
Cornwall Railroad points As shown in I. C. C.—G. No. 2157 or subsequent issue.	Fire brick	$1.75 per 2,000 lbs., car loads. (See note 4.)
	Gravel and clay	75 cents per 2,000 lbs., car loads. (See note 2.)
	Plaster (wall)	$1.50 per 2,000 lbs., car loads. (See note 2.)
	Plaster (land)	$1.30 per 2,000 lbs., car loads. (See note 2.)
	Cement, pewter and plaster (in separate or mixed carloads).	$1.75 per 2,000 lbs., car loads. (See note 2.)
	Asphalt paving blocks (uniform with P. & R.).	$1.15 per 2,000 lbs., car loads. (See note 2.)
	Coca-Cola (in kegs)	Current 3d class rate at time of shipment.
	Import pig iron	$1.10 per 2,240 lbs., car loads. (See note 1.)
	Import ore (chrome, iron, or manganese), in bulk.	70 cents per 2,240 lbs., car loads. (See note 1.)
	Sand	75 cents per 2,000 lbs., car loads. (See note 3.)
	Petroleum and its products, viz: Refined oil, naphtha, benzine, lubricating oil, residuum, paraffine, and paraffine wax. a	10 cents per 100 lbs. Full car loads.
	Sulphuric acid, in tank cars	10 cents per 100 lbs., car load minimum maximum capacity of tank.
Curwensville Pa.	Green salted hides	14 cents per 100 lbs., car loads. (See note 2.)
Devault Pa.	Manure	60 cents per 2,000 lbs., car loads. (See note 4.)
Doe Run Pa.	Paper stock (in pressed bales).	8 cents per 100 lbs., any quantity.

For explanation of notes, see page 1.

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DEFENDANTS' EXHIBIT 119-A—PAGE 5.

To—	Articles.	Rate.
Dorlan.....Pa..	Alum, bleach clay, plaster, rosin, soda ash, soapstone, bagging, paper stock, paper pulp, rags, rag dust, waste paper, waste rope, wood pulp (all in packages and all for use in the manufacture of paper).	7 cents per 100 lbs., any quantity.
Downingtown..... " ..		
Downingtown.....Pa..	Grain.....	6 cents per 100 lbs., car loads.
	Binders' boards (returning, same having been originally shipped east from Downingtown via P. R. R.).	8 cents per 100 lbs., less than car loads.
	Nitrate of soda.....	6 cents per 100 lbs., any quantity.
	Broken glass cullet.....	
	Import pig iron.....	75 cents per 2,240 lbs., car loads. (See note 1.)
	Soda ash.....	5 cents per 100 lbs., car loads, minimum 40,000 lbs. 6 cents per 100 lbs., less than car loads.
	Tank blocks (fire brick).....	$1.15 per 2,000 lbs., car loads. (See note 4.)
	Empty bottle carriers, returning.	8½ cents per 100 lbs., any quantity.
	Manure.....	75 cents per 2,000 lbs., car loads. (See note 4.)
	Street dirt.....	75 cents per 2,000 lbs., car loads. (See note 4.)
	Empty flour barrels.....	7½ cents per 100 lbs., car loads, 10,000 lbs. and over.
	Trolley ties.....	$1.15 per 2,000 lbs., car loads. (See note 4.)
Dunlap.....Pa..	Manure.....	60 cents per 2,000 lbs., car loads. (See note 4.)
East Bloomsburg.....Pa..	Clay.....	$1.50 per 2,000 lbs., car loads.
	Old rope and junk.....	10 cents per 100 lbs., car loads.
	Cement.....	$2.00 per 2,000 lbs., car loads.
Frackville.....Pa..	Nitrate of soda.....	12 cents per 100 lbs., car loads. (See note 2.)
Franklin Forge.....Pa..	Sulphur.....	12 cents per 100 lbs., car loads. (See note 2.)
	Acid (in tank cars).....	15 cents per 100 lbs., minimum, full capacity of tank.
	Nitrate of soda.....	16 cents per 100 lbs., car loads. (See note 2.)

For explanation of notes, see page 1.

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DEFENDANTS' EXHIBIT 119-A—PAGE 6.

To—	Articles.	Rate.
Gibraltar ..... Pa..	Street dirt.....	80 cents per 2,000 lbs., car loads.
Greencastle ..... Pa..	Horses and mules, released to usual live-stock valuation.	21 cents per 100 lbs., car loads. Minimum weight 20,000 lbs.
Hanover..... Pa..	Acid, in carboys.....	10 cents per 100 lbs., car loads. (See note 2.)
	Acid, in tank cars.....	10 cents per 100 lbs., car loads. Maximum capacity of tank.
	Building sand.....	$1.20 per 2,000 lbs., car loads. (See note 2.)
Harrisburg..... Pa..	Gravel and clay.....	75 cents per 2.000 lbs., car loads. (See Note 2.)
	Import magnesite and fire clay.	$1.35 per 2,000 lbs., car loads. (See note 3.)
	Import pig iron.....	$1.20 per 2,240 lbs., car loads. (See Note 1.)
	Dressed meats.....	18 cents per 100 lbs., car loads.
Hazleton..... Pa..	Cement.....	$1.75 per 2,000 lbs., car loads. (See note 3.)
Highspire..... Pa..	Salt hide pates or scrap (in barrels or sacks).	10 cents per 100 lbs., less than car loads.
Hoopeston..... Pa..	Moulding sand.....	50 cents per 2,000 lbs. car loads. (See note 3.)
Horrell..... Pa..	Sulphur.....	12 cents per 100 lbs., car loads. (See note 2.)
Howellville..... Pa..	Manure.....	60 cents per 2,000 lbs., car loads. (See note 4.)
	Street dirt.....	
Ivy Rock..... Pa..	Import magnesite and fire clay.	80 cents per 2,000 lbs., car loads. (See note 3.)
Johnsonburg..... Pa..	Bleach and bleaching powder..	10 cents per 100 lbs., car loads. (See note 2.)
	Cement.....	
	Brimstone.....	
	Clay.....	
Knickerbocker..... Pa..	Street dirt.....	60 cents per 2,000 lbs., car loads. (See note 4.)
	Manure.....	

For explanation of notes, see page 1.

119-A—8

DEFENDANTS' EXHIBIT 119-A—PAGE 7.

To—	Articles.	Rate.
Lancaster.....Pa..	Building cement.....	$1.30 per 2,000 lbs., car loads. (See note 4.)
	Tobacco stems, in pressed bales.	$1.55 per 2,000 lbs., car loads, minimum 24,000 lbs.
Langhorne.....Pa..	Manure.....	60 cents per 2,000 lbs., car loads. (See note 4.)
	Ice.....	80 cents per 2,000 lbs., car loads. (See note 4.)
	Street dirt.....	60 cents per 2,000 lbs., car loads. (See note 4.)
	Grain, flour, and feed.....	5 cents per 100 lbs., car loads.
Leaman Place.....Pa..	Old vehicles, not crated, car loads, and less, minimum as per Official Classification, going to Leaman Place for repairs, to be reshipped when repaired, at regular Official Classification rating.	Same rates as apply on crated vehicles.
Lewistown.....Pa..	Green salted hides.....	14 cents per 100 lbs., car loads. (See note 2.)
Lock Haven.....Pa..	Bleach and bleaching powder.	10 cents per 100 lbs., car loads. (See note 2.)
	Brimstone.....	10 cents per 100 lbs., car loads. (See note 2.)
Malvern.....Pa..	Sugar.....	5 cents per 100 lbs., car loads. (See note 3.)
Manayunk.....Pa..	Hair, in bales (uniform with P. & R.).	6 cents per 100 lbs., in lots of 10,000 lbs. or over.
	Cotton seed lint and cotton seed mill sweepings, in bales, machine compressed (uniform with P. & R.).	6 cents per 100 lbs., car loads. (See note 2.)
	Flour, originally shipped to Philadelphia and reconsigned.	4 cents per 100 lbs., car loads. (See note 2.)
	Wool.....	6 cents per 100 lbs., car loads, 10,000 lbs. and over.
Marietta.....Pa..	Import pig iron.....	$1.10 per 2,240 lbs., car loads. (See note 1.)
Middletown.....Pa..	Import magnesite and fire clay.	$1.35 per 2,000 lbs., car loads. (See note 3.)
	Import pig iron.....	$1.20 per 2,240 lbs., car loads. (See note 1.)
	Zinc skimmings, in packages, zinc dross and zinc ashes.	$1.10 per 2,240 lbs., car loads. (See note 1.)
Mill Hall.....Pa..	Earth (in bags).....	$1.70 per 2,000 lbs., car loads. (See note 4.)
Milton.....Pa..	Car springs.....	10 cents per 100 lbs., car loads. (See note 2.)
Mt. Carmel.....Pa..	Cement.....	$2.00 per 2,000 lbs., car loads. (See note 2.)

For explanation of notes, see page 1.

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DEFENDANTS' EXHIBIT 119-A—PAGE 8.

To—	Articles.	Rate.
Mt. Joy.....Pa..	Empty boxes (nested or filled or partly filled, with empty strawboard bobbins or tubes, when being returned, same having passed over the line filled).	Current 4th class rate at time of shipment.
	Cotton (in compressed bales).	10 cents per 100 lbs., car loads, minimum 20,000 lbs.
Narberth.....Pa..	Gravel.....	45 cents per 2,000 lbs., car loads. (See note 4.)
Narcissa.....Pa..	Street dirt.....	55 cents per 2,000 lbs., car loads. (See note 4.)
	Manure. (Uniform with P. & R.)	55 cents per 2,000 lbs., car loads. (See note 4.)
Natrona.....Pa..	Foreign ore (not beauxite and not for furnace use).	$1.75 per 2,240 lbs., car loads. (See note 1.)
	Beauxite ore.....	$2.00 per 2,240 lbs., car loads. (See note 1.)
	Kettles (large iron).....	13 cents per 100 lbs., car loads. (See note 3.)
	Kryolith.....	$2.00 per 2,240 lbs., car loads, minimum 15 gross tons.
Neshaminy.....Pa..	Manure.....	60 cents per 2,000 lbs., car loads. (See note 4.)
	Street dirt.....	60 cents per 2,000 lbs., car loads. (See note 4.)
Newberry.....Pa..	Import magnesite and fire clay.	$2.00 per 2,000 lbs., car loads, minimum 30,000 lbs.
Norristown.....Pa..	Dressed hogs.....	10 cents per 100 lbs., less than car loads.
	Empty wooden boxes, N. O. S.	7 cents per 100 lbs., car loads, minimum 20,000 lbs.
	Chrome-ore.....	50 cents per 2,000 lbs., car loads.
	Ice.....	60 cents per 2,000 lbs., car loads.
	Manure.....	55 cents per 2,000 lbs., car loads. (See note 4.)
	Street dirt.....	55 cents per 2,000 lbs., car loads. (See note 4.)
Pencoyd.....Pa..	All consignments, regardless of classification (except coal, coke, oil, and such shipments as reach Philadelphia by water, either from domestic or foreign ports), account of A. & P. Roberts Co. or the American Bridge Co., New York.	4 cents per 100 lbs., less than car loads. 40 cents per 2,000 lbs., car loads. (See note 2.)
	Import magnesite and fire clay.	75 cents per 2,000 lbs., car loads. (See note 3.)
Perkiomen.....Pa..	Granite spalls coming from points in New England via water.	55 cents per 2,000 lbs., car loads. (See note 4.)

For explanation of notes, see page 1.

119-A—10

DEFENDANTS' EXHIBIT 119-A—PAGE 9.

To—	Articles.	Rate.
Philipsburg.....Pa..	Green salted hides.....	14 cents per 100 lbs., car loads. (See note 2.)
Phoenixville.....Pa..	Import pig iron.....	65 cents per 2,240 lbs., car loads. (See note 1.)
	Import magnesite and fire clay.	95 cents per 2,000 lbs., car loads. (See note 3.)
	Ferro-manganese.....	80 cents per 2,240 lbs., car loads. (See note 1.)
Port Royal.....Pa..	Acid (in carboys or drums)....	$2.00 per 2,000 lbs., car loads. (See note 2.)
	Acid (in tank cars).....	$2.00 per 2,000 lbs., car loads, full capacity of tank.
	Fish scrap and tankage.....	$2.00 per 2,000 lbs., car loads. (See note 3.)
Pottstown.....Pa..	Import pig iron.....	75 cents per 2,240 lbs., car loads. (See note 1.)
Pottsville.....Pa..	Import magnesite and fire clay.	$1.35 per 2,000 lbs., car loads. (See note 3.)
Protectory.....Pa..	Refuse spent tan bark.....	50 cents per 2,000 lbs., car loads. (See note 3.)
Rambo.....Pa..	Paste, flour (in barrels).....	7 cents per 100 lbs., any quantity.
Reading.....Pa..	Marble and granite blocks.....	$1.20 per 2,000 lbs., car loads.
	Paper stock (in bags).....	10 cents per 100 lbs., car loads. 10,000 lbs. and over.
	Sheep skins, degreased, in bundles, returning.	12 cents per 100 lbs., any quantity.
	Whiting.....	80 cents per 2,000 lbs., car loads. (See note 2.)
	Import magnesite and fire clay.	$1.25 per 2,000 lbs., car loads. (See note 3.)
	Cement.....	$1.25 per 2,000 lbs., car loads. (See note 2.)
	Import pig iron.....	85 cents per 2,240 lbs., car loads. (See note 1.)
Reading[a].....Pa..	Fire-brickbats (to be reground)	80 cents per 2,000 lbs., car loads. (See note 4.)
Retreat.....	Mackite plaster boards.....	$2.00 per 2,000 lbs., car loads. (See note 2.)
Ridgewood.....Pa..	Street dirt.....	80 cents per 2,000 lbs., car loads.
Roaring Springs.....Pa..	Bleach and bleaching powder.	12 cents per 100 lbs., car loads. (See note 2.)
	Clay.....	10 cents per 100 lbs., car loads. (See note 2.)
	Printing paper (in rolls or bundles).	Current Pittsburg rates.
Rokeby.....Pa..	Paper stock (in bags, sacks, bundles, crates, or pressed bales).	8 cents per 100 lbs., any quantity.

[a] Applies from Thirtieth and Market streets only.

For explanation of notes, see page 1.

119-A—11

DEFENDANTS' EXHIBIT 119-A—PAGE 10.

To—	Articles.	Rate.
Royersford.....Pa..	Soda Ash (uniform with P. & R.).	5 cents per 100 lbs., car loads. (See Note 2.) 6 cents per 100 lbs., less than car loads.
	Empty bottle carriers, returning.	8½ cents per 100 lbs., any quantity.
	Paper boxes (in crates and boxes). (Uniform with P. & R.)	27 cents per 100 lbs., any quantity.
	Broken glass and cullet (uniform with P. & R.).	6 cents per 100 lbs., any quantity.
	Yarn (in bags).....	13 cents per 100 lbs., any quantity.
	Returning empty glass crates and trays (uniform with P. & R.).	8½ cents per 100 lbs., any quantity.
	Common brickbats.....	70 cents per 2,000 lbs., car loads. (See note 4.)
	Import pig iron.....	75 cents per 2,240 lbs., car loads. (See note 1.)
St. Clair.....Pa..	Nitrate of soda.....	12 cents per 100 lbs., car loads. (See note 3.)
Schuylkill Haven.....Pa..	Flour.....	9 cents per 100 lbs., car loads. (See note 3.)
Seitzland.....Pa..	Oil of vitriol (in tank cars)....	11½ cents per 100 lbs., car loads, minimum according to capacity of car.
	Paper stock.....	11 cents per 100 lbs., car loads. (See note 3.)
Seyfert.....Pa..	Import magnesite and fire clay.	$1.20 per 2,000 lbs., car loads. (See note 3.)
Shamokin.....Pa..	Nitrate of soda.....	12 cents per 100 lbs., car loads. (See note 2.)
	Cement.....	$2.00 per 2,000 lbs., car loads.
	Sand (uniform with P. & R.).	$1.00 per 2,000 lbs., car loads. (See note 3.)
Shawmont.....Pa..	Street dirt.....	55 cents per 2,000 lbs., car loads. (See note 4.)
	Manure.....	55 cents per 2,000 lbs., car loads. (See note 4.)
	Gravel.....	35 cents per 2,000 lbs., car loads. (See note 4.)
	Clay (in bulk).....	65 cents per 2,000 lbs., car loads. (See note 4.)[a]
	Stone (crushed).....	50 cents per 2,000 lbs., car loads. (See note 4.)[a]
	Sand.....	30 cents per 2,000 lbs., car loads. (See note 3.)
Shenandoah.....Pa..	Nitrate of soda.....	12 cents per 100 lbs., car loads. (See note 2.)
	Sand.....	$1.00 per 2,000 lbs., car loads. (See note 3.)
Sidley.....Pa..	Hotel scrap or kitchen offal (in tight, or odorless excavating barrels).	7 cents per 100 lbs., less than car loads.
South Danville.....Pa..	Clay.....	$1.50 per 2,000 lbs., car loads.

[a] To apply on shipments arriving by water.

For explanation of notes, see page 1.

119-A—12

DEFENDANTS' EXHIBIT 119-A—PAGE 11.

To—	Articles.	Rate.
Spring City.....Pa..	Empty bottle carriers, returning.	8½ cents per 100 lbs., any quantity.
	Soda ash (uniform with P. & R.).	5 cents per 100 lbs., car loads. (See note 2.) 6 cents per 100 lbs., less than car loads.
	Paper boxes, in crates or boxes (uniform with P. & R.).	27 cents per 100 lbs., any quantity.
	Broken glass and cullet (uniform with P. & R.).	6 cents per 100 lbs., any quantity.
	Yarn (in bags).....	13 cents per 100 lbs., any quantity.
	Returning empty glass crates and trays (uniform with P. & R.).	8½ cents per 100 lbs., any quantity.
	Cotton-seed lint and cotton-seed mill sweepings, in bales, machine compressed (uniform with P. & R.).	7 cents per 100 lbs., car loads. (See note 2.)
	Import pig iron.....	75 cents per 2,240 lbs., car loads. (See note 1.)
Springdale.....Pa..	Glue stock.....	13 cents per 100 lbs., car loads.[a] (See note 3.)
Spring Grove.....Pa..	Clay (in packages).....	$1.40 per 2,000 lbs., car loads. (See note 2.)
Spring Mill.....Pa..	Street dirt.....	55 cents per 2,000 lbs., car loads. (See note 4.)
	Ground phosphate rock..... Kainit.....	80 cents per 2,000 lbs., car loads. (See note 4.)
	Manure.....	55 cents per 2,000 lbs., car loads. (See note 4.)
	Fish scrap (used in the manufacture of fertilizer).	$1.00 per 2,000 lbs., car loads. (See note 4.)
Springton.....Pa..	Sawdust and shavings (mixed or separated).	50 cents per 2,000 lbs., car loads. (See note 2.)
St. Thomas.....Pa..	Manure.....	55 cents per 2,000 lbs., car loads. (See note 4.)
Steelton.....Pa..	Import magnesite and fire clay.	$1 35 per 2,000 lbs., car loads. (See note 3.)
	Gravel and clay (except imported clay).	75 cents per 2,000 lbs., car loads. (See note 2.)
	Spiegel-eisen.....	$1.10 per 2,240 lbs., car loads.[b] (See note 1.)
	Import purple ore.....	70 cents per 2,240 lbs., car loads, minimum 20 gross tons
Suplee.....Pa..	Potash.....	$1.25 per 2,000 lbs., car loads. (See note 2.)
	Acid (in tank cars).....	6½ cents per 100 lbs., car loads, minimum full capacity of tank.
Swedeland.....Pa..	Manure.....	55 cents per 2,000 lbs., car loads. (See note 4.)
	Street dirt.....	
Swedesford Road.....Pa..	Manure.....	60 cents per 2,000 lbs., car loads. (See note 4.)

[a] Will not apply on shipments arriving at Philadelphia, Pa., via water.
[b] Rates on manganese ore and spiegel-eisen from Philadelphia, Pa., to Steelton, Pa., will only apply between the points specified and strictly intermediate points, and are not to be used as basing rates.

For explanation of notes, see page 1.

119-A—13

DEFENDANTS' EXHIBIT 119-A—PAGE 12.

To—	Articles.	Rate.
Thorndale.....Pa..	Old woolen ingrain carpet (in pressed bales, for use by paper or woolen goods manufacturers as a substitute for rags).....	7 cents per 100 lbs., any quantity.
	Alum, bleach clay, plaster, rosin, soda ash, soapstone, bagging, paper stock, paper pulp, rags, rag dust, waste paper, waste rope, wood pulp (all in packages and all for use in the manufacture of paper).....	
Tomhicken.....Pa..	Nitrate of soda.....	12 cents per 100 lbs., carloads. (See note 2.)
Tyrone.....Pa..	Clay (in packages).....	$2.00 per 2,000 lbs., carloads. (See note 4.)
Vandergrift.....Pa..	Sal ammoniac.....	13 cents per 100 lbs., carloads. (See note 2.)
Wapwallopen.....Pa..	Nitrate of soda.....	12 cents per 100 lbs., carloads. (See note 2.)
Whiteland.....Pa..	Manure.....	65 cents per 2,000 lbs., carloads. (See note 4.)
	Street dirt.....	
Williamsport.....Pa..	Plaster, calcined.....	$2.00 per 2,000 lbs., carloads. (See note 2.)
	Adament wall plaster.....	$2.00 per 2,000 lbs., carloads. (See note 2.)
	Plaster, land (uniform with P. & R.).	$1.75 per 2,000 lbs., carloads. (See note 2.)
	Cement.....	$2.00 per 2,000 lbs., carloads. (See note 2.)
	Whiting.....	10 cents per 100 lbs., carloads. (See note 2.)
	Glass bottles and fruit jars....	12 cents per 100 lbs., carloads.
	Empty match-block crates (returning).	17 cents per 100 lbs., carloads, minimum weight 12,000 lbs.
	Garnet ore.....	$2.00 per 2,000 lbs., carloads. (See note 3.)
	Tehrachloride of tin (packed in lead-lined boxes).	23 cents per 100 lbs., less than carloads. 15 cents per 100 lbs., carloads. (See note 3.)
York.....Pa..	Import pig iron.....	$1.20 per 2,240 lbs., carloads. (See note 1.)
	Import magnesite and fire clay.	$1.35 per 2,000 lbs., carload. (See note 3.)
	Iron ore.....	90 cents per 2,240 lbs., carloads. (See note 1.)
	China clay (in packages).....	$1.40 per 2,000 lbs., carloads. (See note 2.)
	Acid, in iron drums.....	10 cents per 100 lbs., carload. (See note 3.)
York Haven.....Pa..	Domestic clay (in packages)...	$1.65 per 2,000 lbs., carloads. (See note 3.)
	Oil of vitriol (in tank cars)....	11½ cents per 100 lbs., carloads, minimum according to capacity of car.
	Sand (building).....	$1.00 per 2,000 lbs., carloads. (See note 4.)

For explanation of notes, see page 1

DEFENDANTS' EXHIBIT 119-A—PAGE 13.

To—	Articles.	Rate.
Elizabethville.....Pa..	Unfinished hosiery, or knit goods, in the white (in cases, bales or sacks), from knitting or hosiery mills, when consigned to dyeing or other establishments from which they are to be returned to original point of shipment for finishing and reshipment.	Current 2d-class rate, any quantity.
York..... " ..		
Mifflin..... " ..		
Huntingdon..... " ..		
New Cumberland..... " ..		
Lykens..... " ..		
Shamokin..... " ..		
South Danville..... " ..		
Coburn.....Pa..	Dyed or unfinished hosiery or knit goods in cases, bales, or sacks, when from dyeing or other establishments and destined to knitting mills, same having originally been received in the white in cases, bales, or sacks and now returned for finishing and reshipment.	Current 2d-class rate, any quantity.
Elizabethville.....Pa..	Dyed or unfinished hosiery or knit goods (in cases, bales, or sacks), returning to knitting or hosiery mills for finishing and reshipment.	Current 2d-class rate, any quantity.
York..... " ..		
Mifflin..... " ..		
Huntingdon..... " ..		
New Cumberland..... " ..		
Lykens..... " ..		
Shamokin..... " ..		
South Danville..... " ..		
Watsontown..... " ..		
Manayunk.....Pa..	Asphalt paving blocks.....	$ .55 per 2,000 lbs. Carloads.
Spring Mill..... " ..		.55 "
Conshohocken..... " ..		.60 "
Norristown..... " ..		.60 "
Pottstown..... " ..		.75 "
Douglassville..... " ..		.80 "
Birdsboro..... " ..		.80 "
Reading..... " ..		.90 "
Hamburg..... " ..		1.00 "
Auburn..... " ..		1.10 "
Pottsville..... " ..		1.15 "
Downingtown..... " ..		.70 "
Lancaster..... " ..		1.00 "
Columbia..... " ..		1.05 "
Middletown..... " ..		1.20 "
Steelton..... " ..		1.20 "
Harrisburg..... " ..		1.25 "
Sunbury..... " ..		1.50 "
Shamokin..... " ..		1.55 "
St. Clair..... " ..		1.15 "
Milton..... " ..		1.60 "
Williamsport..... " ..		1.60 "

For explanation of notes, see page 1.

119-A—15

DEFENDANTS' EXHIBIT 119-A—PAGE 14.

To—	Articles.	Rate.	
Pencoyd.....Pa.	Petroleum and its products, viz: Refined oil, naphtha, benzine, lubricating oil, residuum, paraffine, and paraffine wax.[a]	$.06 per 100 lbs.	Full carloads.
Norristown..... "		.07 "	
Phoenixville..... "		.07 "	
Spring City..... "		.07½ "	
Royersford..... "		.07½ "	
Pottstown..... "		.07½ "	
Reading..... "		.09 "	
Pottsville..... "		.10 "	
Downingtown..... "		.08 "	
Lancaster..... "		.10 "	
Mt. Joy..... "		.10 "	
York..... "		.10 "	
Steelton..... "		.10 "	
Harrisburg..... "		.10 "	
Cornwall & Lebanon Railroad points.		.10 "	
Maryland & Pennsylvania Railroad.		.16½ "	
Pencoyd.....Pa.	Sand (uniform with P. & R.)	.30 per 2,000 lbs.	Carloads. (See Note 3.)
Conshohocken..... "		.30 "	
Norristown..... "		.35 "	
Betzwood..... "		.35 "	
Protectory..... "		.35 "	
Phoenixville..... "		.40 "	
Spring City..... "		.45 "	
Royersford..... "		.45 "	
Parker Ford..... "		.45 "	
Pottstown..... "		.45 "	
Douglassville..... "		.55 "	
Birdsboro..... "		.55 "	
Reading..... "		.60 "	
Leesport..... "		.60 "	
Pottsville..... "		.80 "	
Narberth..... "		.40 "	
Ardmore..... "		.40 "	
Wayne..... "		.45 "	
Devon..... "		.45 "	
Swedeland..... "		.30 "	
Downingtown..... "		.55 "	
Coatesville..... "		.60 "	
Lancaster..... "		.75 "	
Columbia..... "		.75 "	
York..... "		.80 "	
Chickies..... "		.75 "	
Watts..... "		.75 "	
Lebanon..... "		.75 "	
Middletown..... "		.75 "	
Steelton..... "		.75 "	
Harrisburg..... "		.75 "	
Selinsgrove..... "		1.25 "	
Sunbury..... "		1.00 "	
Shamokin..... "		1.00 "	
Mt. Carmel..... "		1.00 "	
South Danville..... "		1.00 "	
Catawissa..... "		1.00 "	
Du Bois (via B. & A. V. Div.) "		2.00 "	
Chambersburg..... "		1.25 "	
Waynesboro..... "		1.25 "	

[a] Paraffine wax will be charged at actual weight, with minimum of 24,000 lbs.

All other products above mentioned, when shipped in wood, will be charged at weight of 400 lbs. per barrel according to the number of barrels in the car, with a minimum of 60 barrels per car.

On shipments in tank cars, full capacity of tank will be charged for, rating at 6 and 4-10 lbs. per gallon.

Shipments in cases will be charged 80 lbs. per case.

For explanation of notes, see page 1.

119-A—16

DEFENDANTS' EXHIBIT 119-A—PAGE 15.

To—		Articles.		
		Import chrome ore in bulk per 2,240 lbs.	Import ore, iron, or manganese in bulk per 2,240 lbs.	
Pencoyd	Pa.	$0.50	$0.35	Carloads. (See Note 1.)
Conshohocken	"	.55	.35	
Ivy Rock	"	.55	.....	
Norristown	"	.....	.35	
Betzwood	"	.....	.45	
Phoenixville	"	.60	.45	
Spring City	"	.....	.50	
Royersford	"	.....	.50	
Parker Ford	"	.....	.50	
Pottstown	"	.70	.50	
Douglassville	"	.....	.60	
Birdsboro	"	.....	.60	
Seyfert	"	.75	.....	
Reading	"	.80	.65	
Temple	"	.....	.65	
Leesport	"	.....	.70	
Pottsville	"	.95	.80	
Swedeland	"	.....	.35	
Coatesville	"	.70	.65	
Lancaster	"	.....	.70	
Cornwall R. R. points (as shown in I. C. C.—G. No. 2157 or subsequent issue)	"	.....	.70	
Cornwall & Lebanon Railroad points	"	.....	.70	
Columbia	"	.....	.70	
York	"	1.25	.....	
Chickies	"	.....	.70	
Watts	"	.....	.70	
Middletown	"	1.20	.70	
Steelton	"	1.20	.70	
Harrisburg	"	1.20	.70	
Burnham	"	1.35	1.35	
Huntingdon	"	1.35	1.35	
Hollidaysburg	"	1.45	1.45	
Alexandria (Huntingdon Co.)	"	1.30	.....	
Roaring Spring	"	1.75	1.75	
Johnstown	"	1.40	1.40	
Latrobe	"	1.50	1.50	
Bessemer	"	1.50	1.50	
Pittsburgh	"	1.50	1.50	
Connellsville	"	1.75	1.75	
Dunbar	"	1.75	1.75	
P., McK. & Y. Transfer	"	1.50	1.50	
Monongahela Division, Charleroi, Pa., and North		1.50	1.50	
West Penn Div. (Main Line) Blairsville intersection, Pa., to Allegheny, Pa., inc		1.50	1.50	
Milton	"	.....	1.10	
Newberry	"	1.50	.....	

For explanation of note, see page 1.

DEFENDANTS' EXHIBIT 119-B.

TARIFF NO. 4001,

Canceling Tariff No. 3967.

Not to be posted.

LEHIGH VALLEY RAILROAD COMPANY.

RATE ON SCRAP IRON, SCRAP STEEL, SCRAP TIN, OLD CAR WHEELS AND AXLES, OLD RAILS, MUCK BARS, PUDDLE BARS, CROP ENDS, AND OLD RAILROAD IRON,

In carloads.

Subject to minimum weights, rules, and conditions of the Official Classification as in force at time of shipment with exceptions thereto, as shown in I. C. C. No. A-4331 or subsequent issues thereof.

Taking effect February 1, 1901.

Between various stations on the

LEHIGH VALLEY RAILROAD SYSTEM

As shown within.

This tariff does not expire with the calendar year, but remains in force until revoked.

HENRY H. KINGSTON,
General Traffic Manager.

ASA L. FOSTER,
General Freight Agent.

C. A. BLOOD,
Asst. Gen'l Freight Agent.

NEW YORK, N. Y., *January 31, 1901.*

(11353)

Receipt No. 22195.

119-B-2

Rates in cents per gross ton.

Between / And	Glendon, Pa.	Bethlehem, Pa.	Allentown, Pa.	Furnace, Pa.	Fullerton, Pa.	Catasauqua, Pa.	Slatington, Pa.	Packerton, Pa.	Mauch Chunk, Pa.	Beaver Meadow, Pa.	Jeddo, Pa.	Stockton, Pa.	Hazleton, Pa.	Buck Mountain (New), Pa.	Ashland, Pa.	Centralia, Pa.	Mt. Carmel, Pa.	Wilburton, Pa.	Wilkes-Barre, Pa.	Towanda, Pa.	Sayre, Pa.
Easton Pa.	35	40	40	40	40	40	45	65	65	100	100	100	100	110	110	110	110	110	115	140	140
South Easton "	35	40	40	40	40	40	45	65	65	100	100	100	100	110	110	110	110	110	115	140	140
Glendon "	.....	35	35	35	35	40	45	65	65	100	100	100	100	110	110	110	110	110	115	140	140
Lucy Furnace "	30	35	35	35	35	40	45	65	65	100	100	100	100	110	110	110	110	110	115	140	140
Island Park "	30	35	35	35	35	40	45	65	65	100	100	100	100	110	110	110	110	110	115	140	140
Redington "	30	30	35	35	35	40	45	60	60	100	100	100	100	110	110	110	110	110	115	130	135
Freemansburg "	35	30	35	35	35	40	44	60	60	95	95	95	95	110	110	110	110	110	115	125	135
Bethlehem "	35	.....	30	30	35	35	40	60	60	95	95	95	95	100	100	100	100	100	115	125	130
East Penn Junction "	35	30	30	30	30	30	40	53	53	90	90	90	90	100	100	100	100	100	115	125	125
Allentown "	35	30	.....	30	30	30	40	53	53	90	90	90	90	100	100	100	100	100	115	125	125
Furnace "	35	30	30	.....	30	30	40	5.	53	90	90	90	90	100	100	100	100	100	115	125	125
Fullerton "	35	35	30	30	.....	30	40	53	53	90	90	90	90	100	100	100	100	100	115	125	125
Catasauqua "	40	35	30	30	30	.....	40	50	50	90	90	90	90	100	100	100	100	100	115	125	125
Hokendauqua "	40	35	31	31	30	30	34	40	40	90	90	90	90	100	100	100	100	100	115	125	125
Coplay "	40	38	32	32	30	30	33	38	38	90	90	90	90	100	100	100	100	100	115	125	125
Laurys "	45	39	37	37	34	33	30	36	36	90	90	90	90	100	100	100	100	100	115	125	125
Slatington "	45	40	40	40	40	40	.....	35	35	90	90	90	90	100	100	100	100	100	115	125	125
Andreas "	80	75	70	70	70	70	60	60	60	90	95	95	95	100	100	100	100	100	130	130	140
Pottsville (12th street) "	110	105	105	105	105	105	105	105	105	130	130	130	130	100	110	130	130	130	130	190	190
Parryville "	45	45	45	45	45	40	30	30	30	80	80	.....	80	100	100	100	100	100	125	125	125
Lehighton "	50	50	50	50	50	48	30	20	30	75	.....	.....	.....	100	100	100	100	100	125	125	125
Packerton "	65	60	53	53	53	50	35	.....	20	70	.....	.....	.....	100	100	100	100	100	125	125	125
Mauch Chunk "	65	60	53	53	53	50	35	20	.....	.....	.....	.....	.....	90	100	100	100	100	125	125	125
Beaver Meadow Branch "	100	95	90	90	90	90	90	70	70	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	130	140
Hazleton "	100	95	90	90	90	90	90	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	130	140
Haz eton Br. (except Hazleton) "	100	95	90	90	90	90	90	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	130	140
Park Place "	110	100	100	100	100	100	100	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	190	190
Cranberry "	100	95	90	90	90	90	90	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	130	140
Humboldt (Ash track) "	100	95	90	90	90	90	90	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	130	140
Silver Brook "	110	100	100	100	100	100	100	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	190	190
Buck Mountain (New) "	110	100	100	100	100	100	100	100	90	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	190	190
New Boston Junction "	110	100	100	100	100	100	100	100	90	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	190	190

Moreas Colliary	" ..	110	100	100	100	100	100	100	100	90	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	190	190
Mahanoy City	" ..	110	100	100	100	100	100	100	100	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	190	190
Shenandoah	" ..	110	100	100	100	100	100	100	100	100	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	190	190
Ashland	" ..	110	100	100	100	100	100	100	100	100	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	190	190
Centralia	" ..	110	100	100	100	100	100	100	100	100	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	190	190
Mt. Carmel	" ..	110	100	100	100	100	100	100	100	100	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	190	190
White Haven	" ..	100	100	100	100	100	100	100	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	125	125
Fairview	" ..	115	115	115	115	115	115	115	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	125	125
South Wilkes-Barre	" ..	115	115	115	115	115	115	115	115	115	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	125	125
Wilkes-Barre	" ..	115	115	115	115	115	115	115	115	115	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	125	125
Pittston	" ..	115	115	115	115	115	115	115	115	115	115	.....	.....	.....	140	140	140	140	140	45	125	125
L. & B. Junction	" ..	115	115	115	115	115	115	115	115	115	115	.....	.....	.....	140	140	140	140	140	45	125	125
Wyoming	" ..	115	115	115	115	115	115	115	115	115	115	.....	.....	130	140	140	140	140	140	45	.....	.....
Alderson	" ..	140	130	125	125	125	125	125	125	125	125	140	140	140	150	150	150	150	155	100	.....	.....
Noxen	" ..	140	130	125	125	125	125	125	125	125	125	140	140	140	150	150	150	150	155	100	.....	.....
Stull	" ..	140	130	125	125	125	125	125	125	125	125	140	140	140	.....	190	190	190	190	125	.....	.....
Dushore	" ..	150	150	150	150	150	150	150	150	150	150	150	150	150	190	190	190	190	190	125	63	.....
Bernice	" ..	150	150	150	150	150	150	150	150	150	150	150	150	150	190	190	190	190	190	125	63	.....
Lopez	" ..	150	150	150	150	150	150	150	150	150	150	150	150	150	190	190	190	190	190	125	73	.....
Tunkhannock	" ..	125	125	125	125	125	125	125	125	125	125	130	130	130	150	150	150	150	150	95	.....	.....
Mehoopany	" ..	125	125	125	125	125	125	125	125	125	125	130	130	130	150	150	150	150	150	95	.....	.....
Meshoppen	" ..	125	125	125	125	125	125	125	125	125	125	130	130	130	150	150	150	150	150	95	.....	.....
Skinners Eddy	" ..	130	125	125	125	125	125	125	125	125	125	130	130	130	165	165	165	165	165	100	.....	.....
Wyalusing	" ..	130	125	125	125	125	125	125	125	125	125	130	130	130	165	165	165	165	165	100	.....	.....
Standing Stone	" ..	130	125	125	125	125	125	125	125	125	125	130	130	130	165	165	165	165	165	100	.....	.....
Towanda	" ..	140	125	125	125	125	125	125	125	125	130	130	130	130	190	190	190	190	190	100	.....	67
Athens	" ..	140	130	125	125	125	125	125	125	125	140	140	140	140	190	190	190	190	190	125	62	.....
Sayre	" ..	140	130	125	125	125	125	125	125	125	140	140	140	140	190	190	190	190	190	125	67	.....

119-B—3

Tariff No. 6305.

Not to be posted.

LEHIGH VALLEY RAILROAD COMPANY.

LEHIGH & NEW ENGLAND RAILROAD,
AND LEHIGH & LACKAWANNA RAILROAD.

Rate on CORD WOOD, in carloads, subject to minimum weights, rules, and conditions of the Official Classification as in force at time of shipment with exceptions thereto, as shown in I. C. C. No. A-7272 or subsequent issues thereof.

Taking effect October 20, 1906.

From Andreas, Pa.,
to
Bethlehem, Pa.

80 cents per net ton.

For routing, references, etc., see Class Rate Tariff, I. C. C. No. A-8575 or subsequent issues thereof.

This tariff does not expire with the calendar year, but remains in force until revoked.

H. C. BURNETT,
General Freight Agent.

J. S. WOOD,
Ass't. General Freight Agent.

NEW YORK, N. Y., *October 18, 1906.*

(16859)
File L. V. 2X23

Receipt No. 45188.

DEFENDANTS' EXHIBIT 119-C.

Not to be posted.

ERIE RAILROAD CO.

Joint Through Tariff No. E. R. 2787.

Canceling E. & W. V. R. R. Rate Order No. 10.

January 1, 1896.

WILKESBARRE & EASTERN R. R.

Joint Through Tariff No. W. E. 98.

Joint Freight Tariff
on
Lumber, Carloads.

Minimum weight as per official classification
between the
ERIE RAILROAD COMPANY
WILKESBARRE & EASTERN R. R.

[Rates are in cents per net ton.]

Between / and	Hawley, Pa.	Kimbles, Pa.	Glen Eyre, Pa.	Lackawaxen, Pa. Rowlands, Pa.	White Mills, Pa. Honesdale, Pa.	Hoadleys, Pa.	Georgetown, Pa.	Lake Ariel, Pa.	Maplewood, Pa.	Wimmers, Pa.	Elmhurst, Pa.	Dunmore, Pa.	Scranton, Pa.	* Jessup, Pa.
Hoadleys.....Pa...	60	70	75	75	75									
Georgetown..... "	60	70	75	75	75	60								
Lake Ariel..... "	60	70	75	75	75	60	50							
Maplewood..... "	75	85	90	90	90	60	50	50						
Wimmers..... "	75	85	90	90	90	75	60	60	50					
Elmhurst..... "	75	85	90	90	90	75	60	60	60	50				
Dunmore..... "	75	85	90	90	90	75	75	75	75	60	60			
Scranton..... "	75	85	90	90	90	75	75	75	75	60	60	50		
*Jessup..... "	90	100	100	100	100	90	90	90	90	75	75	60	60	
Avoca..... "	90	100	100	100	100	90	90	90	90	75	75	60	60	75
L. & B. Jct..... "	90	100	100	100	100	90	90	90	90	75	75	60	60	75
Sebastopol ..... "	90	100	100	100	100	90	90	90	90	75	75	60	60	75
Pittston..... "	90	100	100	100	100	90	90	90	90	75	75	60	60	75
Wilkesbarre ..... "	100	100	100	100	100	100	100	100	100	90	90	75	75	90

*Charges must be prepaid except when for Dolph Coal Co.

Under this tariff, when freight is to be loaded by consignor or unloaded by consignee, one dollar ($1.00) per car per day or fraction thereof for delay beyond 48 hours in loading or unloading will be added to the rates named herein and constitute a part of the total charges to be collected by the carrier on the property, except, however, when in conflict with Car Service Association or local regulations at shipping point or destination, in which case such Car Service Association or local regulations shall prevail.

Issued April 12, 1901. Taking effect April 12, 1901.

This tariff does not expire with the calendar year, but remains in force until revoked.

Issued by

R. M. PARKER,
Ass't General Freight Agent,
New York, N. Y.

JAMES LEEMING,
General Freight Agent,
New York, N. Y.

H. B. CHAMBERLAIN,
Eastern Freight Traffic Manager,
New York, N. Y.

Not to be posted.

Supplement #2 to Erie R. R. Tariff 2787.
W. & E. R. R. " 98.

Joint freight tariff

on

Lumber, carloads,

Between the

ERIE RAILROAD COMPANY.

WILKESBARRE & EASTERN R. R.

Addition.

Rates shown in original tariff will apply as follows:
Wilkesbarre rates will apply to Yatesville (when for Fernwood Breaker).
Pittston " " " on shipments for Butler Breaker.
Avoca " " " " " " Consolidated Breaker.

Issued July 1, 1903. Taking effect July 1, 1903.

This tariff does not expire with the calendar year, but remains in force until revoked.

Issued by

HENRY ADAMS,
Asst. Gen. Frt. Agt.,
New York, N. Y.

R. M. PARKER,
General Freight Agent,
New York, N. Y.

Not to be posted.

Supplement #1 to Erie Railroad Company Tariff E. R. 2787.
#1 to Wilkesbarre & Eastern Tariff W. E. 98.

Joint freight tariff

on

Lumber, carloads,

Between the

ERIE RAILROAD COMPANY.

WILKESBARRE & EASTERN R. R.

Addition.

From—	To—	Rate per net ton.
Shoholo, Pa.	Dunmore, Pa. Scranton, Pa.	$1.00

Issued June 4, 1903. Taking effect June 4, 1903.

This tariff does not expire with the calendar year, but remains in force until revoked.

Issued by

HENRY ADAMS,
Asst. Gen. Frt. Agt.,
New York, N. Y.

R. M. PARKER,
Gen. Frt. Agt.,
New York, N. Y.

Not to be posted.

Erie Railroad Company.

E. R. 2769

This reference must be quoted on each waybill.

Freight Tariff No. E. R. 2769 Canceling E. & W. V. R. R. Rate Order No. 13, Jany. 1, 1896, & No. 51, Jany. 16, 1897.

On

Manure, Carloads,

(Minimum weight, 40,000 Pounds)

From

Scranton, Pa.,

To

Elmhurst, Pa.....at 40¢ per net ton.
Lake Ariel, " .....at 50¢ " " "

This rate must not be exceeded to an intermediate point on any like shipment.

Rubber stamped as follows:

> Under this tariff when freight is to be loaded by consignor or unloaded by consignee, one dollar ($1) per car per day, or fraction thereof, for delay beyond forty-eight hours in loading or unloading will be added to the rates named herein and constitute a part of the total charges to be collected by the carrier on the property, except, however, when in conflict with Car Service Association or local regulations at shipping point or destination; in which case such Car Service Association or local regulations shall prevail.

Issued April 5, 1901. Taking effect April 5, 1901.

This tariff does not expire with the calendar year, but remains in force until revoked.

Issued by

R. M. PARKER,
Asst. Gen. Frt. Agt.,
New York, N. Y.

JAMES LEEMING,
General Freight Agent,
New York, N. Y.

H. B. CHAMBERLAIN,
Eastern Frt. Tffc. Mgr.
New York, N. Y.

Not to be posted.

Supplement No. 1 to Erie Railroad Tariff E. R. 3649.

Freight Tariff

From

Binghamton, N. Y.,

To

Buffalo, N. Y.

Correction.

On	Rate
Lumber, Carloads.	$1.75 per net ton.
Issued Nov. 15, 1904.	Taking effect Nov. 16, 1904.

This tariff does not expire with the calendar year, but remains in force until revoked.

Issued by

HENRY ADAMS,
Asst. Gen. Frt. Agt.,
New York, N. Y.

R. M. PARKER,
General Freight Agent,
New York, N. Y.

S. P. SHANE,
Frt. Traf. Mgr.,
Chicago, Ill.

Not to be posted.

Supplement #1 to Erie Railroad Company Tariff E. R. 3595.

Freight Tariff

On

Boots & Shoes.

Addition.

Rate shown in original tariff applying from Lestershire & Endicott will apply to Troy, N. Y.

Issued May 20, 1903. Taking effect May 20, 1903.

This tariff does not expire with the calendar year, but remains in force until revoked.

Issued by

HENRY ADAMS,
Asst. Gen. Frt. Agt.,
New York, N. Y.

R. M. PARKER,
General Freight Agent,
New York, N. Y.

Not to be posted.

E R 2 0 8 0

This reference must be quoted on each waybill.

ERIE RAILROAD COMPANY

Joint through tariff No. E. R. 2080

Joint east-bound freight tariff

between the

ERIE RAILROAD COMPANY,
NEW YORK CENTRAL & HUDSON RIVER RAILROAD,
DELAWARE & HUDSON CANAL COMPANY,
LEHIGH VALLEY RAILROAD.

From—	To—	On—	
Buffalo, N. Y..	Niagara Falls, N. Y.....	Cider and vinegar, carloads....	4 c. per 100 lbs.
	Susp. Bridge "		
	New York, "	" "	13c. " " "
	Rochester, "	" "	6c. " " "
Tonawanda, " ..	Auburn, "	" "	7c. " " "
	Geneva, "		
	Albany, "	" "	10½c. " " "
	Troy, "		

Minimum weight as per official classification.
Rubber stamped as follows:

> Under this tariff, when freight is to be loaded by consignor or unloaded by consignee, one dollar ($1) per car per day, or fraction thereof, for delay beyond forty-eight hours in loading or unloading, will be added to the rates named herein and constitute a part of the total charges to be collected by the carrier on the property, except, however, when in conflict with Car Service Association or local regulations at shipping point or destination, in which case such Car Service Association or local regulations shall prevail.

Route: Erie R. R. to destination or to Corning, Owego and Binghamton and connections to destination.

Issued January 1, 1900. Taking effect January 1, 1900.

Issued by

R. M. PARKER,
Asst. Gen. Frt. Agt.

JAMES LEEMING,
General Freight Agent,
New York, N. Y.

FRANK HARRIOTT,
Gen. Frt. Tffc. Mgr.

H. B. CHAMBERLAIN,
Asst. Gen. Frt. Tffc. Mgr.

DEFENDANTS' EXHIBIT 119-D.

Change from local rate order series to I. C. C. series.

I. C. C.—G. No. 2778

To be posted in each freight station as required by law.

PENNSYLVANIA RAILROAD COMPANY.

NORTHERN CENTRAL RAILWAY COMPANY.
PHILADELPHIA, BALTIMORE & WASHINGTON RAILROAD.
WEST JERSEY & SEASHORE RAILROAD.

Local rate order G. No. 727.

Tariff

of

Commodity rates

from

Philadelphia, Pa.

to

Points as shown therein.

Effective February 13, 1905.

Will hereafter be known as I. C. C.—G. No. 2778.

Supplement No. 24 to local rate order G. No. 727 will hereafter be known as Supplement No. 1 to I. C. C.—G. No. 2778.

Supplement No. 37 to local rate order G. No. 727 will hereafter be known as Supplement No. 2 to I. C. C.—G. No. 2778.

Issued Philadelphia, August 27, 1906. Taking effect August 28, 1906.

GEO. D. DIXON, *Freight Traffic Manager.*

E. P. BATES, *General Freight Agent.*

ROBT. C. WRIGHT, *General Freight Agent.*

GEO. D. OGDEN, *Assistant General Freight Agent.*

(Mailing List No. 198)
(300)

(R. G. 10488)
File 1000
1

DEFENDANTS' EXHIBIT 120.

COMPUTATION OF PER CWT. COST OF TRANSPORTATION ON SHIPMENTS FROM OLEAN TO VERMONT POINTS.

(1)

Statement of actual and average weights of cars shipped from Olean to Burlington.

Year.	Number of cars.	Actual weight.	Average weight per car.
1900	247	12,323,667	49,893 lbs.
1901	241	11,718,278	48,623 "
1902	198	11,454,445	57,850 "
1903	174	12,371,411	71,100 "
1904	158	10,162,387	64,319 "
	1,018	58,030,188	57,004 "

(2)

The per cwt. equivalent of the carload rate from Norwood to these three Vermont points at an average carload weight of 57,004 is as follows:

From— / To—	Norwood, N. Y.	
	Carload rate.	Cwt. rate
Burlington, Vt	$23.00	4 c.
Bellows Falls, Vt	28.00	4.9 c.
Rutland, Vt	30.00	5.2 c.

(3)

Statement showing sum of local rates in cents per cwt. Olean to Burlington for years 1900 to 1905.

To—	Rate Olean to Rochester.	Rate Rochester to Norwood.	Rate Norwood to destination.	Total.
Burlington	2.8	9	4	15.8
Bellows Falls	2.8	9	4.9	16.7
Rutland	2.8	9	5.2	17.0

DEFENDANTS' EXHIBIT 120—(CORRECTED).

COMPUTATION OF PER CWT. COST OF TRANSPORTATION ON SHIPMENTS FROM OLEAN TO VERMONT POINTS.

(1)

Statement of actual and average weights of cars shipped from Olean to Burlington.

Year.	Number of cars.	Actual weight.	Average weight per car.
1900	247	12,323,667	49,893 lbs.
1901	241	11,718,278	48,623 "
1902	198	11,454,445	57,850 "
1903	174	12,371,411	71,100 "
1904	158	10,162,387	64,319 "
	1,018	58,030,188	57,004 lbs.

(2)

The per cwt. equivalent of the carload rate from Norwood to these three Vermont points at an average carload weight of 57,004 is as follows:

To— \ From—	Norwood, N. Y.	
	Carload rate.	Cwt. rate.
Burlington, Vt	$23.00	4 c.
Rutland, Vt	28.00	4.9c.
Bellows Falls, Vt	30.00	5.2c.

(3)

Statement showing sum of local rates in cents per cwt. Olean to Burlington for years 1900 to 1905.

To—	Rate Olean to Rochester.	Rate Rochester to Norwood.	Rate Norwood to destination.	Total.
Burlington	2.8	9	4	15.8
Rutland	2.8	9	4.9	16.7
Bellows Falls	2.8	9	5.2	17.0

DEFENDANTS' EXHIBIT 121.

List of places in New England to which prorating arrangements prevailed and memoranda of limitations thereon.

Ref. No.	Station.	State.	Remarks.
3-59	Agamenticus	Me	
1-83	Alburgh	Vt	Note 66.
1-3-4	Alder Brook	N. H	" "
1-3	Alfred	Me	
1-3	Allenstown	N. H	
1-3	Alton	N. H	
1-3	Alton Bay	N. H	
1-3	Amherst	N. H	
1-3	Andover	N. H	
3-58	Annabessacook	Me	
46	Anson	Me	
1-3	Antrim	N. H	
1-3-83	Arlington	Vt	
1-3	Ashland	N. H	
1-3-5	Ashuelot	N. H	
3-59	Atkinson	N. H	
1-3	Auburn	N. H	
1-3	Auburn	Me	Note 66.
3-58	Augusta	Me	
49	Ayers Jct	Me	
1-3	Baileys	N. H	Note 66.
4-49	Baileyville	Me	
1-3	Baldwin (Cornish).	Me	Note 66.
3-58	Bancroft	Me	
3-58	Bangor	Me	
4-49	Baring	Me	
1-3	Barnet	Vt	Note 66.
1-3	Barnstead	N. H	
1-3	Barrington	N. H	
1-3	Bartlett	N. H	Note 66.
1-3	Barton	Vt	" "
1-3	Barton Landing.	Vt	" "
1-83	Bartonsville	Vt	
3-58	Basin Mills	Me	
1-3	Bath	Me	Note 66.
1-3	Bath	N. H	"
1-3-4	Bayside	N. H	
1-3	Bedford	N. H	
1-3	Beecher Falls	Vt	Note 66.
1-83	Beldens	Vt	"
3-58	Belfast	Me	
3-58	Belgrade	Me	
1-3-4	Belknap Point	N. H	
1-3-5	Bellows Falls	Vt. (B. & M.)	
1-83	Bellows Falls	Vt. (Rut.)	
1-3	Belmont	N. H	
1-80	Bennington	Vt	
1-3-83	Bennington	Vt	
1-77	Bennington	Vt	
1-3	Bennington	N. H	
3-58	Benton	Me	
1-3	Berlin	N. H	Note 66.
1-3	Bethlehem Jct.	N. H	"
3-59	Biddeford	Me	
46	Bingham	Me	
1-3-4	Bloods	N. H	
1-3	Boscawen	N. H	
3-58	Bowdoinham	Me	
1-3-4	Bowman	N. H	Note 66.
1-3	Bradbury	Me	
1-3	Bradford	N. H	
1-3	Bradford	Vt	Note 66.
1-83	Brandon	Vt	"
1-3-5	Brattleboro	Vt	
1-3-4	Bretton Woods	N. H	"
3-58	Brewer Jct	Me	
49	Bridgton	Me	
1-3	Bridgton Jct	Me	Note 66.
1-3	Bristol	N. H	
1-3-5	Brookline	N. H	
3-58	Brooks	Me	
1-3	Brownfield	Me	Note 66.
1-3	Brunswick	Me	"
3-58	Bucksport	Me	
3-58	Bucksport Center.	Me	
1-83	Burlington	Vt	Note 66.
3-58	Burnham Jct	Me	
1-3	Buxton	Me	
49	Calais	Me	
1-3	Cambridge Jct	Vt	Note 66.
1-3-4	Campton	N. H	"
1-3	Campton Village.	N. H	"
1-3	Canaan	N. H	
1-3	Candia	N. H	
3-59	Canobie Lake	N. H	
1-3	Canterbury	N. H	
46	Caratunk Falls	Me	
30-58	Carmel	Me	
	Castleton	Vt	
13-4-58	Cathance	Me	
1-83	Cavendish	Vt	
1-3	Centre Barnstead.	N. H	
1-3	Centre Ossipee	N. H	
10	Centre Rutland	Vt	
1-83	Centre Rutland	Vt	
1-3-5	Charlestown	N. H	
49	Charlotte	Me	
1-83	Charlotte	Vt	Note 66.
1-3	Cherry Mountain.	N. H	"
49	Cherryfield	Me	
1-3	Chesham	N. H	
1-83	Chester	Vt	
1-3	Chicester	N. H	
3-58	Chisholm's Mills.	Me	
3-58	City Point	Me	
1-3-5	Claremont	N. H	
1-3-5	Claremont Jct	N. H	
1-3-83	Clarendon	Vt	
3-58	Clinton	Me	
1-3-5	Cold River	N. H	
1-3	Colebrook	N. H	Note 66.
49	Columbia	Me	
1-3-4	Columbia Bridge	N. H	Note 66.
49	Columbia Falls	Me	
1-3-5	Concord	N. H	
1-3	Contoocook	N. H	
1-3	Conway	N. H	
1-3	Conway Centre	N. H	Note 66.
3-59	Conway Jct	Me	
1-3-4	Coos Jct	N. H	Note 66.
3-58	Corinna	Me	
1-3	Cornish	Me	Note 66.
3-58	Costigan	Me	
1-3	Coventry	Vt	Note 66.
1-3	Crawfords	N. H	"
1-3	Crowley's Jct	Me	"
1-3	Cumberland Jct.	Me	"
1-3	Cumberland Mills.	Me	"
1-3	Cumberland Mills Jct.	Me	
3-58	Curtis Corner	Me	
1-83	Cuttingsville	Vt	
1-3	Dalton	N. H	Note 66.
1-3	Damariscotta	Me	Note 66.
1-3	" Mills.	Me	"
1-3	Danbury	N. H	
1-3-83	Danby	Vt	
3-58	Danforth	Me	
1-3	Danville	Vt	Note 66.
1-3	Danville Jct	Me	"
1-3	Deering Jct	Me	
49	Dennysville	Me	
1-3	Derby Line	Vt	Note 81.
1-3	Derry	N. H	

List of places in New England to which prorating arrangements prevailed and memoranda of limitations thereon—Continued.

Ref. No.	Station.	State.	Remarks.
3-58	Detroit	Me	
3-58	Dexter	Me	
1-3-4	Dimonds	N. H	
3-59	Dover	N. H	
3-58	Dover & Foxcroft.	Me	
3-4-58	Dresden	Me	
1-3-5	Dummerston	Vt	
3-59	Durham	N. H	
1-3	East Andover	N. H	
1-3	East Baldwin	Me	Note 66.
1-3	East Barnett	Vt	"
1-3	East Candia	N. H	
1-83	East Clarendon	Vt	
1-3	East Concord	Vt	Note 66.
1-3	East Concord	N. H	
1-3-83	East Dorset	Vt	
1-3	East Fairfield	Vt	Note 66.
1-3	East Hardwick	Vt	"
1-3	East Harrisville.	N. H	
1-3	East Haverhill	N. H	Note 66.
1-3	East Highgate	Vt	"
1-3-5	East Jaffrey	N. H	
3-59	East Kingston	N. H	
1-3	East Lebanon	N. H	
3-58	East Livermore	Me	
49	East Machias	Me	
3-58	East Newport	Me	
49	Eastport	Me	
1-3-5	East Putney	Vt	
1-3	East Rochester	N. H	
1-3	E. St. Johnsbury.	Vt	Note 66.
1-3	East Swanton	Vt	"
1-3	East Tilton	N. H	
1-3	East Wakefield	N. H	
1-83	East Wallingford.	Vt	
1-3	East Waterboro	Me	
1-3	East Weare	N. H	
1-3-5	East Westmoreland.	N. H	
3-58	East Wilton	Me	
1-3	Eastwood	Me	
3-58	Eaton	Me	
3-59	Eliot	Me	
3-58	Ellsworth	Me	
3-58	Ellsworth Falls	Me	
1-3	Elmwood	N. H	
1-3	Ely	Vt	Note 66.
46	Embden	Me	
3-58	Enfield	Me	
1-3	Enfield	N. H	
1-3	Epping	N. H	
1-3	Epsom	N. H	
3-58	Etna	Me	
1-3-4	Everett	N. H	
3-59	Exeter	N. H	
1-3	Fabyan's (M. C.)	N. H	Note 66.
1-3	Fabyan's (B. & M.)	N. H	"
1-3	Fairfield	Vt	"
3-58	Fairfield	Me	
10	Fairhaven	Vt	
1-3	Fairlee	Vt	Note 66.
1-3	Falmouth	Me	"
3-4-58	Farmingdale	Me	
3-58	Farmington	Me	
1-3	Farmington	N. H	
1-83	Ferrisburg	Vt	Note 66.
1-3-5	Fitzwilliam	N. H	
1-3	Fletcher	Vt	Note 66.
3-58	Forest	Me	
1-83	Fowler	Vt	Note 66.
3-58	Foxcroft	Me	
49	Franklin	Me	
1-3	Franklin	N. H	
1-3	Franklin Falls	N. H	
3-58	Franklin Roads	Me	
1-3	Freeport	Me	Note 66.
1-3	Fremont	N. H	
1-3	Fryeburg	Me	Note 66.
3-58	Gardiner	Me	
1-83	Gassetts	Vt	
1-3-4	George's	N. H	Note 66.
1-3-4	Gilford	N. H	
1-3	Glen	N. H	Note 66.
1-3	Glencliff	N. H	"
1-3-5	Goff's Falls	N. H	
1-3	Goffstown	N. H	
3-59	Gonic	N. H	
3-4-58	Goodwill Farm	Me	
1-3	Gorham	N. H	Note 66.
1-3	Gorham	Me	
1-3	Grafton	N. H	
1-3	Grafton Centre	N. H	
1-83	Grand Isle	Vt	Note 66.
1-3	Grasmere	N. H	
1-3	Gray	Me	Note 66.
3-58	Great Works	Me	
3-58	Greenbush	Me	
3-58	Greene	Me	
1-3	Greenfield	N. H	
3-58	Green Lake	Me	
3-59	Greenland	N. H	
1-3	Greenland Village.	N. H	
1-3	Greensboro	Vt	Note 66.
1-3-5	Greenville	N. H	
1-3	Groveton	N. H	Note 66.
1-3	Guildhall	Vt	"
3-58	Hallowell	Me	
3-59	Hampshire Road.	N. H	
1-3	Hamstead	N. H	
3-59	Hampton	N. H	
3-59	Hampton Falls	N. H	
3-58	Hancock	Me	
1-3	Hancock	N. H	
1-3	Hardwick	Vt	Note 66.
49	Harrington	Me	
3	Harrison	Me	
1-3	Harrisville	N. H	
3-58	Harward's	Me	
1-3	Haverhill	N. H	Note 66.
1-3	Hayes	N. H	
1-3	Hazens	N. H	Note 66.
1-3	Hazens Jct	N. H	"
1-83	Healdville	Vt	
1-3	Hedding	N. H	
1-3	Hennicker	N. H	
3-58	Hermon Centre	Me	
3-58	Hermon Pond	Me	
1-3	Highgate	Vt	Note 66.
1-3	Hill	N. H	
1-3	Hillsboro	N. H	
1-3-5	Hinsdale	N. H	
1-3	Hiram	Me	Note 66.
3-58	Holden	Me	
1-3-5	Hollis	N. H	
1-3-5	Hooksett	N. H	
1-3	Hyde Park	Vt	Note 66.
10	Hydeville	Vt	
1-3	Hubbards	N. H	
1-3	Hudson	N. H	
3-58	Iceboro	Me	
1-3	Intervale	N. H	
1-3	Intervale Jct	N. H	Note 66.
1-83	Isle La Motte	Vt	Note 66.
21	Jacksonville	Vt	
49	Jacksonville	Me	
3-58	Jay	Me	
1-3	Jefferson	N. H	Note 66.
1-3-4	Jefferson Highlands.	N. H	Note 66.
1-3-4	Jefferson Jct	N. H	Note 66.
1-3	Johnson	Vt	Note 66.
1-49	Jonesboro	Me	

List of places in New England to which prorating arrangements prevailed and memoranda of limitations thereon—Continued.

Ref. No.	Station.	State.	Remarks.
1-3-5	Keene	N. H.	
1-3-4	Kellyville	N. H.	
3-59	Kennebunk	Me.	
3-59	Kennebunk Beach.	Me.	
3-59	Kennebunkport.	Me.	
3-58	Kingman	Me.	
3-58	Knox	Me.	
1-3	Laconia	N. H.	
1-3	Lakeport	N. H.	
1-3-4	Lake Shore Park.	N. H.	
1-3-4	Lake Sunapee	N. H.	
3-58	Lambert Lake.	Me.	
1-3	Lancaster (M. C).	N. H.	Note 66.
1-3	Lancaster (B& M).	N. H.	Note 66.
1-83	Larrabee's Point.	Vt.	Note 66.
1-3	Lebanon	N. H.	
1-3	Lee	N. H.	
3-58	Leeds Centre	Me.	
3-58	Leeds Jct.	Me.	
1-83	Leicester Jct.	Vt.	Note 66.
1-3	Lewiston	Me.	Note 66.
1-3-4	Lily Pond	N. H.	
3-58	Lincoln	Me.	
1-3-4	Lincoln	N. H.	Note 66.
3-58	Lincoln Centre.	Me.	
1-3	Lisbon	N. H.	Note 66.
1-3	Lisbon	Me.	Note 66.
1-3	Lisbon Falls	Me.	Note 66.
1-3-4	Littlefields Crossing.	N. H.	
1-3	Littleton	N. H.	Note 66.
3-58	Livermore Falls.	Me.	
1-3	Londonderry	N. H.	
1-3-4	Loon Cove	N. H.	
1-83	Ludlow	Vt.	
1-3	Lunenburg (St. J. & L.C.).	Vt.	Note 66.
1-3	Lunenburg (M.C.).	Vt.	Note 66.
1-3	Lyndon	Vt.	"
1-3	Lyndonville	Vt.	"
1-3	McIndoes	Vt.	Note 66.
49	Machias	Me.	
3-59	Madbury	N. H.	
1-3	Madison	N. H.	
46	Madison	Me.	
1-3	Maidstone	Vt.	Note 66.
1-3-5	Manchester	N. H.	
1-3-83	Manchester	Vt.	
1-3	Maquam	Vt.	Note 66.
3-4-58	Maranacook	Me.	
49	Marion	Me.	
1-3-5	Marlboro Village.	N. H.	
1-3-5	Martins	N. H.	
1-3-5	Mason	N. H.	
1-3	Massabesic	N. H.	
1-3	Mast Yard	N. H.	
3-58	Mattawamkeag	Me.	
1-3	Mattocks	Me.	Note 66.
1-3-4	Melvins	N. H.	
1-3	Meredith	N. H.	
1-3-5	Merrimack	N. H.	
1-83	Middlebury	Vt.	Note 66.
1-3	Miles Pond	Vt.	"
3-58	Milford	Me.	
1-3-5	Milford	N. H.	
1-3-4	Mill Road	Me.	Note 66.
49	Milltown	Me.	
1-3	Milton	N. H.	
3-58	Monmouth	Me.	
	Montague, Me. (bill on Enfield).		
1-3	Morrisville	Vt.	Note 66
21	Mountain Mills.	Vt.	
3-58	Mount Desert Ferry.	Me.	
1-83	Mount Holly	Vt.	
1-3-4	Mount Major	N. H.	
1-3	Mount Sunapee	N. H.	
1-3	Muscongus	Me.	Note 66.
1-3-5	Nashua	N. H.	
1-3	New Boston	N. H.	
1-3	Newbury	Vt.	Note 66.
1-3	Newbury	N. H.	
1-3	Newcastle	Me.	Note 66.
1-3	New Durham	N. H.	
3-59	Newfields	N. H.	
1-3	New Gloucester	Me.	Note 66.
1-3	Newhall	Me.	"
1-83	New Haven Jct.	Vt.	"
3-59	Newmarket	N. H.	
1-3	Newport	Vt.	Note 66.
1-3	Newport	N. H.	
3-58	Newport Jct.	Me.	
3-59	Newton	N. H.	
3-59	Newton Jct.	N. H.	
3-58	Nicolin	Me.	
1-3	Nobleboro	Me.	Note 66.
46	Norridgewock	Me.	
46	North Anson	Me.	
3-58	North Belgrade	Me.	
1-3-83	No. Bennington.	Vt.	
3-59	North Berwick.	Me.	
1-3	North Boscawen.	N. H.	
1-3-4-5	North Brookline.	N. H.	
1-3-5	No. Charlestown.	N. H.	
1-3	North Concord.	Vt.	Note 66.
1-3	North Concord.	N. H.	
1-3	North Conway (M. C.).	N. H.	Note 66.
1-3	North Conway (B. & M.).	N. H.	
1-3-83	North Dorset	Vt.	
1-83	No. Ferrisburg.	Vt.	Note 66.
1-3	Northfield	N. H.	
3-59	North Hampton.	N. H.	
1-3	North Haverhill.	N. H.	Note 66.
1-83	North Hero	Vt.	"
3-58	North Jay	Me.	
3-58	North Leeds	Me.	
1-3-4	North Lisbon	N. H.	Note 66.
1-5	North Pownal	Vt.	
1-3	North Stratford Jct.	N. H.	Note 66.
1-3	North Thetford	Vt.	"
1-3	Northumberland.	N. H.	"
1-3-4	Northville	N. H.	
1-3	North Wakefield.	N. H.	
1-3	North Weare	N. H.	
1-3	No. Woodstock.	N. H.	Note 66.
1-3	Norwich	Vt.	"
3-58	Oakland	Me.	
3-58	Olamon	Me.	
3-59	Old Orchard	Me.	
3-58	Oldtown	Me.	
3-58	Orono	Me.	
3-58	Orrington	Me.	
1-83	Orwell	Vt.	Note 66.
1-3	Ossipee	N. H.	
1-3	Ossipee Valley.	N. H.	
1-3	Parkers	N. H.	
3-58	Passadumkeag.	Me.	
1-3	Passumpsic	Vt.	Note 66.
1-3-4	Pejepscot Mills.	Me.	"
49	Pembroke	Me.	

List of places in New England to which prorating arrangements prevailed and memoranda of limitations thereon—Continued.

Ref. No.	Station.	State.	Remarks.
1-3	Penacook	N. H.	
49	Perry	Me.	
1-3-5	Peterboro	N. H.	
1-3	Piermont	Vt.	Note 66.
1-3	Pikes	N. H.	"
3-59	Pine Point	Me.	
3-58	Pishon's Ferry	Me.	
1-3	Pittsfield	N. H.	
3-58	Pittsfield	Me.	
1-83	Pittsford	Vt.	Note 66.
3-59	Plaistow	N. H.	
4-49	Pleasant Point	Me.	
1-3	Plymouth	N. H.	
1-3	Pompanoosuc	Vt.	Note 66.
1-3	Portland	Me.	
1-3	Portsmouth	N. H.	
1-3	Potter Place	N. H.	
10	Poultney	Vt.	
1-5	Pownal	Vt.	
3-59	Pow Wow River.	N. H.	
1-3-4-5	Pratts	N. H.	
49	Princeton	Me.	
1-83	Proctor	Vt.	
1-83	Proctorsville	Vt.	
1-3-5	Putney	Vt.	
1-3	Quebec Jct.	N. H.	Note 66.
1-3-4	Randolph	N. H.	Note 66.
1-3	Raymond	N. H.	
3-58	Readfield	Me.	
21	Readsboro	Vt.	
1-3	Red Stone	N. H.	Note 66.
1-3-5	Reed's Ferry	N. H.	
1-3-4	Richardson's	N. H.	
3-58	Richmond	Me.	
1-3	Riverdale	N. H.	
3-58	Riverside	Me.	
1-3	Riverton	N. H.	Note 66.
1-3	Roby's Corner	N. H.	
1-3	Rochester	N. H.	
1-3	Rockingham Jct.	N. H.	
1-3	Rockland	Me.	Note 66.
1-3	Rowe's	Me.	"
1-3	Rumford Jct.	Me.	"
1-3	Rumney	N. H.	"
10	Rupert	Vt.	
1-3-4	Russell's	N. H.	
10	Rutland (D. & H.).	Vt.	
1-83	Rutland (Rut.)	Vt.	
1-3	Ryegate	Vt.	Note 66.
4-49	St. Croix Jct.	Me.	
1-3	St. Johnsbury	Vt.	Note 66.
1-3	St. Johnsbury Centre.	Vt.	"
1-3	Sabattus	Me.	
3-59	Saco	Me.	
1-3	Saco River	Me.	
3-59	Salem	N. H.	
1-83	Salisbury	Vt.	Note 66.
3-59	Salmon Falls	N. H.	
1-3	Sanbornville	N. H.	
1-3	Sandown	N. H.	
3-59	Sawyers	N. H.	
1-3	Sawyers River	N. H.	Note 66.
3-59	Scarboro	Me.	
1-3	Scotts	N. H.	Note 66.
1-3	Scotts Jct.	N. H.	"
3-59	Seabrook	N. H.	
1-3	Sebago Lake	Me.	Note 66.
1-3-83	Shaftsbury	Vt.	
3-58	Shawmut	Me.	
1-3	Sheldon	Vt.	Note 66
1-3	Sheldon Jct.	Vt.	"
1-83	Shelburne	Vt.	"
1-3-4	Shirley Hill	N. H.	
1-83	Shoreham	Vt.	Note 66
1-3	Short Falls	N. H.	
3-58	Silver's Mills	Me.	
3-58	Skowhegan	Me.	
46	Solon	Me.	
3-59	Somersworth	N. H.	
1-3	South Barton	Vt.	Note 66.
1-3-4	So. Bennington	N. H.	
3-59	South Berwick	Me.	
3-58	South Brewer	Me.	
1-3-5	South Brookline.	N. H.	
1-3	South Danbury	N. H.	
3-59	South Gardiner	Me.	
1-83	South Hero	Vt.	Note 66.
1-3-5	South Keene	N. H.	
1-3	South Lancaster.	N. H.	Note 66.
3-4-58	South Lincoln	Me.	
1-3	South Lyndeboro.	N. H.	
1-3	South Merrimack.	N. H.	
1-3-4-5	South Milford	N. H.	
1-3	South Newbury	Vt.	Note 66.
1-3	South Newcastle.	Me.	"
3-58	South Orrington.	Me.	
1-3-83	South Shaftsbury.	Vt.	
1-3-5	South Vernon	Vt.	
1-3-83	South Wallingford.	Vt.	
1-3	South Waterboro.	Me.	
1-3	South Windham.	Me.	Note 66.
3-4-58	Sprague	Me.	
4-49	Sprague's Falls	Me.	
1-3-5	Springfield	Vt.	
1-3-4	Spring Haven	N. H.	
1-3	Springvale	Me.	
1-3	Steep Falls	Me.	Note 66.
1-3	Stevens	Vt.	"
3-58	Stillwater	Me.	
1-3	Stratham	N. H.	
3-58	Strickland's Ferry.	Me.	
1-83	Summit	Vt.	
1-3	Sunapee	N. H.	
1-3	Suncook	N. H.	
1-3-83	Sunderland	Vt.	
1-3	Sutton	Vt.	Note 66.
1-3	Swanton	Vt.	"
1-3	Thetford	Vt.	Note 66.
1-3	Thomaston	Me.	"
3-58	Thorndike	Me.	
1-3-4	Thornton	N. H.	Note 66.
1-3-5	Thornton's Ferry.	N. H.	
1-3	Tilton	N. H.	
3-4-58	Tomah	Me.	
3-58	Topsham	Me.	
1-3-5	Troy	N. H.	
4-49	Tunk Pond	Me.	
1-3	Twin Mountain (B. & M.).	N. H.	Note 66.
1-3	Twin Mountain (M. C.).	N. H.	"
1-3	Union	N. H.	
49	Unionville	Me.	
3-58	Unity	Me.	
3-58	Vanceboro	Me.	
3-58	Vassalboro	Me.	
3-58	Veazie	Me.	
1-83	Vergennes	Vt.	Note 66.
1-3-5	Vernon	Vt.	
1-3	Wakefield	N. H.	
1-3	Walden	Vt.	Note 66.
3-58	Waldo	Me.	

List of places in New England to which prorating arrangements prevailed and memoranda of limitations thereon—Continued.

Ref. No.	Station.	State.	Remarks.
1-3	Waldoboro	Me	Note 66.
3-4-58	Wales	Me	
1-3-83	Wallingford	Vt	
1-3	Walnut Hill	Me	Note 66.
1-3-5	Walpole	N. H	
1-3	Warner	N. H	
1-3	Warren	N. H	Note 66.
1-3	Warren	Me	Note 66.
3-58	Washington Jct	Me	
1-3	Waterloo	N. H	
3-58	Waterville	Me	
3-58	Waukeag	Me	
3-58	Webster	Me	
1-3	Websters Mills	N. H	
1-3	Weirs	N. H	
3-59	Wells	Me	
1-3	Wells River	Vt	Note 66.
1-3	Wentworth	N. H	"
1-3	West Alton	N. H	
1-3	West Andover	N. H	
1-3	West Baldwin	Me	Note 66.
1-3	Westbrook	Me	
1-3	West Burke	Vt	Note 66.
1-3	West Canaan	N. H	
1-3	West Concord	Vt	Note 66.
1-3	West Concord	N. H	
1-3	West Danville	Vt	Note 66.
1-3-4	West Deering	N. H	
1-3	West Epping	N. H	
3-58	West Farmington.	Me	
1-3	West Henniker	N. H	
1-3-4-5	West Hollis	N. H	
1-3-4	West Hopkinton.	N. H	
3-59	West Kennebunk.	Me	
1-3	West Lebanon	N. H	
1-3-5	Westminster	Vt	
1-3-5	Westmoreland	N. H	
1-3	Westons	N. H	Note 66.
1-3	West Ossipee	N. H	
10	West Pawlet	Vt	
1-3-5	Westport	N. H	
1-3-5	West Rindge	N. H	
1-3	West Rochester	N. H	
1-3	West Rumney	N. H	Note 66.
0	West Rutland	Vt	
3-59	West Scarboro	Me	
1-3	West Stewartstown.	N. H	Note 66.
1-3-5	West Swanzey	N. H	
1-3	West Thornton	N. H	Note 66.
3-59	Westville	N. H	
1-3	West Windham.	N. H	
4-49	Whiddens Farms.	Me	
1-3	Whitefield (B. & M.).	N. H	Note 66.
1-3	Whitefield (M. C.).	N. H	"
1-3	White River Jct.	Vt	
1-3	White Rock	Me	Note 66.
1-83	Whiting	Vt	"
49	Whitneyville	Me	
21	Whittingham	Vt	
1-3	Wilder	Vt	
1-3-4	Willeys	N. H	
21	Wilmington	Vt	
1-3	Wilsons	N. H	
3-58	Wilton	Me	
1-3	Wilton	N. H	
1-3-5	Winchester	N. H	
1-3	Windham	N. H	
1-3-5	Windsor	Vt	
1-3	Wing Road	N. H	Note 66.
3-58	Winn	Me	
3-58	Winnecook	Me	
1-3	Winona	N. H	
3-58	Winslow	Me	
1-3-4	Winslows Mills.	Me	Note 66.
3-58	Winthrop	Me	
1-3	Wiscasset	Me	Note 66.
1-3	Wolcott	Vt	"
1-3	Wolfboro	N. H	
1-3	Wolfboro Falls.	N. H	
3-4	Woodfords	Me	
1-3	Woodstock	N. H	Note 66.
1-3	Woodsville	N. H	"
1-3	Woolwich	Me	"
3-58	Wytopitlock	Me	
1-3	Yarmouth Jct.	Me	Note 66.
1-3	Zealand	N. H	Note 66.

DEFENDANTS' EXHIBIT 121-A.

STATEMENT OF RESTRICTIONS ENUMERATED BY THE RED LINE EAST-BOUND FAST FREIGHT BILLING BOOK IN THE APPLICATION OF BOSTON RATES TO POINTS NAMED IN MAINE, NEW HAMPSHIRE, AND VERMONT.

No. 3. —"For stations marked thus (3) deduct from the through rate, before prorating, one (1) cent per 100 lbs. or 20 cents per ton (net or gross) and show the amounts separately in the division on the line way-bill 'Terminal.'"

No. 5.—"For stations marked thus (5) Boston rates apply on oil (all kinds)."

No. 21.—"Hoosac Tunnel & Wilmington R. R. stations. All freight in any quantity may be taken at the following arbitraries, which are in addition to the Boston rate, and apply from Hoosac Tunnel, Mass."

No. 46.—"For stations marked thus (46) freight may be taken in any quantities at the following class arbitraries, governed by Official Classification (minimum charge, 25 cents), from Brunswick, Me.; but no rates to Brunswick must be quoted or applied which are lower than the class or commodity rates from Cleveland to Boston, Mass."

No. 49.—"For stations marked thus (49) freight may be taken in any quantities at the following class arbitraries governed by Official Classification (minimum charge, 25 cents), from Brunswick, Me.; but no rates to Brunswick must be quoted or applied which are lower than the class or commodity rates from Cleveland to Boston, Mass."

No. 58.—"For stations marked thus (58) freight may be taken in any quantities at the following class arbitraries governed by Official Classification (minimum charge, 25 cents), from Brunswick, Me.; but no rates to Brunswick must be quoted or applied which are lower than the class or commodity rates from Cleveland to Boston, Mass."

No. 59.—"For stations marked thus (59) Boston rates apply on *carload* freight, all kinds, also cotton and wool in any quantity. Less than carload shipments of freight (other than cotton or wool, on which Boston rates apply on any quantity) may be contracted and billed for stations on the Boston & Maine R. R. as per following instructions. Official Classification to govern. Minimum charge 25c."

Note 66.—"Boston rates will apply, except that no rates must be quoted or used which are lower than the class or commodity rates from Cleveland, Ohio, to Boston, Mass."

No. 77.—"For stations prefixed thus (77), straight Boston rate applies on the 1st, 2nd, 3rd, and 4th class freight. Apply Boston percentages, first deducting 1c. per 100 lbs. for terminal road.

"On 5th and 6th classes and commodities taking lower than 5th and 6th class rates, the through rates will be 2c. per cwt. over the Boston basis. In billing deduct 3c. per cwt. for terminal road, prorating balance on Boston percentages."

No. 80.—"For stations prefixed thus (80) straight Boston rate applies on 1st, 2nd, 3rd, and 4th class freight. Apply Boston percentages, first deducting 1c. per 100 lbs. for terminal road.

"On 5th and 6th classes and commodities taking lower than 5th and 6th class rates, the through rates will be 2c. per 100 lbs. over the

Boston basis. In billing deduct 3c. per 100 lbs. for terminal road, prorating balance on Boston percentages."

No. 83.—"Rates to Rutland Railroad points apply only via such routes as are covered by published percentages."

List of the number of stations affected by the foregoing restrictions.

Rule	No.	3,	number	of	stations	affected	556
"	"	5,	"	"	"	"	52
"	"	21,	"	"	"	"	5
"	"	46,	"	"	"	"	8
"	"	49,	"	"	"	"	28
"	"	58,	"	"	"	"	114
"	"	59,	"	"	"	"	41
Note	"	66,	"	"	"	"	192
Rule	No.	77,	"	"	"	"	1
"	"	80,	"	"	"	"	1
"	"	83,	"	"	"	"	52

The total number of stations shown is 646.

DEFENDANTS' EXHIBIT 122.

Table showing comparative cost of transportation in cents per 100 lbs. from Olean, Bradford, and New York Harbor to various points on the Rutland R. R. in Vermont.

From	New York Harbor (1).	Bradford (2).	Olean (3).
To—			
Isle La Motte	26½ B	33	41.8 B
North Hero	22¼ B	33	37.8 B
Grand Isle	20½ B	33	35.8 B
South Hero	19½ B	33	34.8 B
Burlington	8½	33	23.8
Shelburne	17½ B	33	32.8 B
Charlotte	19½ B	33	34.8 B
North Ferrisburg	20½ B	33	35.8 B
Ferrisburg	20½ B	33	35.8 B
Vergennes	22½ B	33	37.8 B
Beldens	26½ B	33	41.8 B
New Haven Junction	24½ B	33	39.8 B
Middlebury	26½ B	33	41.8 B
Salisbury	28½ B	33	41 R
Leicester Junction	28½ B	33	39 R
Whiting	29½ B	33	39 R
Shoreham	30½ B	33	41 R
Orwell	30½ B	33	43 R
Larabees Point	31½ B	33	44 R
Brandon	30½ B	33	37 R
Pittsford	31½ B	33	34 R
Proctor	33½ B	33	34 R
Center Rutland	35½ B	33	32 R
Rutland	35½ B	33	25
Clarendon	36½ B	33	34 R
Wallingford	37½ B	33	34 R
South Wallingford	38½ B	33	36 R
Danby	38½ B	33	37 R
North Dorset	40½ B	33	39 R
East Dorset	42½ B	33	41 R
Manchester	43½ B	33	43 R
Arlington	44½ B	33	45 R
Shaftsbury	45½ B	33	45 R
Bennington	46½ B	33	48 R
Ludlow	42½ B	33	41 R
Bellows Falls	45½ B	33	24.7
Chester	44½ B	33	35.7 BF
Bartonsville	44½ B	33	33.7 BF
North Clarendon	35½ B	33	32 R
East Wallingford	37½ B	33	36 R
Proctorsville	43½ B	33	38.7 BF
Cavendish	43½ B	33	38.7 BF

NOTE.—"B" indicates that the computation was made via Burlington.
"R" " " " " " " " Rutland.
"BF" " " " " " " " Bellows Falls.

(1) The figures in the column headed "New York Harbor" are respectively the sum of the rate from New York Harbor by water to Burlington, Vt., 6¼c. and 2¼c. for wharfage and transfer to cars at Burlington, and the 2nd class rate out of Burlington shown in Rutland R. R. tariff I. C. C. 421, effective Dec. 10, 1900.

(2) The rates in the column headed Bradford are shown in Sup. 9 to B. R. & P. tariff I. C. C. 262, Sup. effective Nov. 14, 1899, still in effect Dec. 3, 1907, except that the rates were taken out by Sup. 12, effective Feb. 15, 1900, and restored by Sup. 13, effective March 9, 1900. Otherwise no change as to Rutland R. R. points, except that the names of five stations are added by Sup. 15, effective Jan. 8, 1901.

(3) The figures in the column headed Olean are the sum of the C. L. cost of transportation as shown on Deft. Exhibit 120, ½c. per gallon, or 8c. per cwt. for breaking bulk and the 2nd class rate out of Burlington, Bellows Falls, or Rutland, whichever was less, as shown in Rutland R. R. tariff I. C. C. 421, effective Dec. 10, 1900.

DEFENDANTS' EXHIBIT 122 (SHEET 1 CORRECTED).

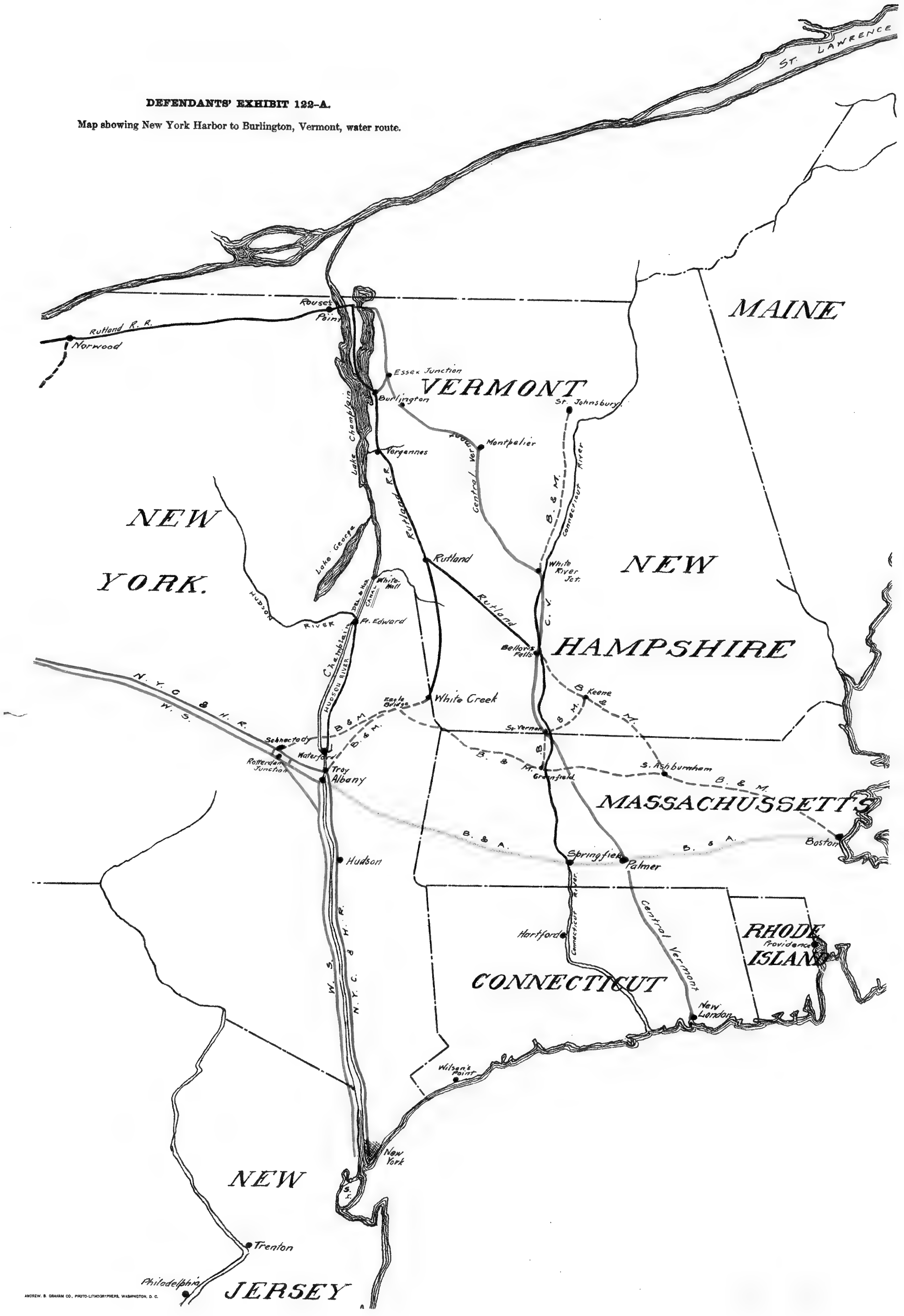
Table showing comparative cost of transportation in cents per 100 lbs. from Olean, Bradford, and New York Harbor to various points on the Rutland R. R. in Vermont.

From	New York Harbor (1).	Bradford (2).	Olean (3).
To—			
Alburgh	27½ B	33	42.8 B
Isle La Motte	26½ B	33	41.8 B
North Hero	22½ B	33	37.8 B
Grand Isle	20½ B	33	35.8 B
South Hero	19½ B	33	34.8 B
Burlington	8½	33	23.8
Shelburne	17½ B	33	32.8 B
Charlotte	19½ B	33	34.8 B
North Ferrisburg	20½ B	33	35.8 B
Ferrisburg	20½ B	33	35.8 B
Vergennes	22½ B	33	37.8 B
Beldens	26½ B	33	41.8 B
New Haven Junction	24½ B	33	39.8 B
Middlebury	26½ B	33	41.8 B
Salisbury	28½ B	33	40.7 R
Leicester Junction	28½ B	33	38.7 R
Whiting	29½ B	33	38.7 R
Shoreham	30½ B	33	40.7 R
Orwell	30½ B	33	42.7 R
Larabees Point	31½ B	33	43.7 R
Brandon	30½ B	33	36.7 R
Pittsford	31½ B	33	33.7 R
Proctor	33½ B	33	33.7 R
Center Rutland	35½ B	33	31.7 R
Rutland	35½ B	33	24.7
Clarendon	36½ B	33	33.7 R
Wallingford	37½ B	33	33.7 R
South Wallingford	38½ B	33	35.7 R
Danby	38½ B	33	36.7 R
North Dorset	40½ B	33	38.7 R
East Dorset	42½ B	33	40.7 R
Manchester	43½ B	33	42.7 R
Arlington	44½ B	33	44.7 R
Shaftsbury	45½ B	33	44.7 R
Bennington	46½ B	33	44.7 R
Ludlow	42½ B	33	40.7 R
Bellows Falls	45½ B	33	25
Chester	44½ B	33	36 BF
Bartonsville	44½ B	33	34 BF
North Clarendon	35½ B	33	31.7 R
East Wallingford	37½ B	33	35.7 R
Proctorsville	43½ B	33	39 BF
Cavendish	43½ B	33	39 BF

NOTE.—"B" indicates that the computation was made via Burlington.
"R" " " " " " " " Rutland.
"BF" " " " " " " " Bellows Falls.

DEFENDANTS' EXHIBIT 122-A.

Map showing New York Harbor to Burlington, Vermont, water route.



ANDREW. B. GRAHAM CO., PHOTO-LITHOGRAPHERS, WASHINGTON, D. C.

DEFENDANTS' EXHIBIT 123.

Table showing comparative cost of transportation, in cents, per 100 lbs., from Olean, Bradford, and New York Harbor to various points on the Central Vermont Ry. in Vermont.

From	New York Harbor (1).	Bradford (2).	Olean (3).
To—			
Highgate Springs	29½ B	33	35.8 B
East Swanton	28½ B	33	33.8 B
Alburgh	30½ B	33	33.8 B
East Alburgh	27½ B	33	33.8 B
West Swanton	29½ B	33	39.8 B
Swanton	28½ B	33	39.8 B
St. Albans	26½ B	33	38.8 B
Richford	33½ B	33	35.8 B
East Berkshire	31½ B	33	40.8 B
North Enosburg	30½ B	33	40 8 B
Enosburg Falls	30½ B	33	39.8 B
South Franklin	29½ B	33	39.8 B
North Sheldon	29½ B	33	39.8 B
Sheldon Junction	28½ B	33	39.8 B
Sheldon Springs	28½ B	33	39.8 B
Oakland	24½ B	33	37.8 B
Georgia	22½ B	33	35.8 B
Milton	20½ B	33	33.8 B
Colchester	19½ B	33	32.8 B
Cambridge Junction	20½ B	33	32.8 B
Jeffersonville	26½ B	33	32.8 B
Cambridge	22½ B	33	32.8 B
Cloverdale	22½ B	33	33.8 B
North Underhill	22½ B	33	33.8 B
Underhill	20½ B	33	33.8 B
Jericho	20½ B	33	33.8 B
Essex Centre	19½ B	33	33.8 B
Essex Junction	17½ B	33	31.8 B
Winooski	13½ B	33	29.8 B
Williston	19½ B	33	32.8 B
Richmond	20½ B	33	33.8 B
Jonesville	22½ B	33	35.8 B
Bolton	22½ B	33	35.8 B
North Duxbury	24½ B	33	37.8 B
Waterbury	26½ B	33	35.8 B
Middlesex	27½ B	33	38.8 B
Williamstown	31½ B	33	42.8 B
South Barre	30½ B	33	34.8 B
Barre	27½ B	33	33.8 B
Montpelier	28½ B	33	33.8 B
Northfield	29½ B	33	40.8 B
Roxbury	29½ B	33	40.8 B
East Granville	33½ B	33	41.8 B
Braintree	35½ B	33	41.8 B
Randolph	36½ B	33	41.8 B
Bethel	37½ B	33	41.8 B
Royalton	38½ B	33	41.8 B
South Royalton	40½ B	33	41.8 B
Sharon	42½ B	33	41.8 B
West Hartford	43½ B	33	41.8 B
Hartford	44½ B	33	41.8 B
White River Junction	44½ B	33	31.8 B
North Hartland	44½	33	41.8 B
Hartland	45 B	33	41.8 B
Windsor	46½ B	33	32.3 B
Burlington	8½	33	23.8

NOTE.—The letter "B" after any of the figures shown in the statement denotes that the cost of transportation was figured via Burlington.

(1) The figures in the column headed "New York Harbor" are respectively the sum of the rate from New York Harbor by water to Burlington, 6½c., 2½c. for wharfage and transfer to cars at Burlington, and the 2nd class rate out of Burlington, as shown on page 143 of the petition.

(2) The rates shown in the column headed "Bradford" are those shown in Sup. 9 to B. R. & P. tariff I. C. C. 262, Sup. effective Nov. 14, 1899, cancelled Feby. 15, 1900, likewise cancelling through rates on all merchandise; Boston rate from Toledo C. L. to all stations on C. V. R. R., applied by Grand Trunk tariff I. C. C. A-944, effective Dec. 12, 1904.

(3) The figures in the column headed "Olean" are respectively the sum of the C. L. cost of transportation from Olean, as shown in deft's Exhibit 120, ½c. per gallon, or 8c. per cwt. for breaking bulk at Burlington, and the so-called secret rate out of Burlington, as shown on page 143 of the petition.

C. R. C. No. W 45.

I. C. C. No. A-944.
Cancels I. C. C. No. A-836.

D. & T. S. L. I. C. C. No. 89.
Cancels D. & T. S. L. I. C. C. No. 17.

Grand Trunk Lines West G. F. D. No. 1060.
Cancels G. T. L. W. G. F. D. No. 943.

D. & T. S. L. T. M. No. 142.
Cancels D. & T. S. L. T. M. No. 42.

GRAND TRUNK RAILWAY SYSTEM.

Lines west of Detroit and St. Clair rivers.

and

DETROIT & TOLEDO SHORE LINE RAILROAD

in connection with

ATCHISON, TOPEKA & SANTA FE RY.,
BOSTON & ALBANY R. R.,
BOSTON & MAINE RAILROAD,
BUFFALO, ROCHESTER & PITTSBURGH RY.,
CANADA ATLANTIC RY.,
CENTRAL R. R. OF NEW JERSEY,
CENTRAL VERMONT RY.,
CHICAGO, KALAMAZOO & SAGINAW RY.,
CHICAGO & ALTON R. R.,
CHICAGO, ROCK ISLAND & PACIFIC RY.,
DELAWARE & HUDSON R. R.,
DELAWARE, LACKAWANNA & WESTERN R. R.,
ERIE RAILROAD,
ELGIN, JOLIET & EASTERN RY.,
GRAND RAPIDS & INDIANA RY.,
INDIANA, ILLINOIS & IOWA R. R.,
LEHIGH VALLEY R. R.,
MAINE CENTRAL RAILROAD,
NEW YORK CENTRAL & HUDSON RIVER R. R.,
NEW YORK, ONTARIO & WESTERN RY.,
NEW YORK, NEW HAVEN & HARTFORD R. R.,[a]
PENNSYLVANIA R. R. (B. R. & C. DIV.),
PHILADELPHIA & READING RY.,
WEST SHORE RAILROAD,

And connections, as specified in the following Agents' Guides and Billing Lists:

Comp. Exp. Line, Grand Trunk Despatch Line, Nat. Despatch-Great Eastern Line, Lackawanna-Grand Trunk Line, Nat. Despatch Refrig. Line, N. Y. Despatch Refrigerator Line, Reading Despatch, Mill. and Mich. Line, G. F. D. No. 728, I. C. C. No. 640, or Subsequent Issues.

JOINT FREIGHT TARIFF

on

PETROLEUM PRODUCTS, CARLOADS,

(in Wood or Tanks).

Crude and Fuel Oil, Crude Naphtha, Crude and Refined Petroleum and Products of Petroleum, viz, Lubricating Oil, Benzine, Naphtha, Gasoline, Paraffine, Paraffine Wax and Tar or Residuum.

From

TOLEDO, OHIO,

To points in

Central Freight Association Territory and Trunk Line Territory.

Issued December 7, 1904. Effective December 12, 1904.

Governed by the Official Classification and exceptions thereto as shown in I. C. C. No. A-881, G. F. D. No. 993, or subsequent issues, and subject to the terms and conditions printed in the bills of lading of this company.

PROPERTY UNLOADED INTO RAILROAD STATIONS OR WAREHOUSES OF THIS SYSTEM must be removed within 24 hours after arrival, and if not so removed, will, at the option of the carrier, either be removed and stored at a public warehouse, at owner's cost and risk, and there held subject to lien for freight and charges; or will be retained in the stations or warehouses of this system under the same conditions and subject to like charges for storage as prevail at public warehouses, except as otherwise provided by such public regulations as may be established by delivering carrier.

Under this tariff, when freight is to be loaded by consignor or unloaded by consignee, one dollar ($1.00) per car per day or fraction thereof, for delay beyond 48 hours in loading or unloading, will be added to the rates named herein and constitute a part of the total charges to be collected by the carrier on the property; except, however, when in conflict with Car Service Association or local regulations at shipping point or destination, in which case such Car Service Association or local regulations shall prevail.

General freight officials of roads named above will certify to the Interstate Commerce Commission their concurrence in the rates herein given.

JOHN PULLEN,
General Freight Agent, G. T. R'y System, Montreal, Que.

C. A. HAYES,
Assistant General Freight Agent, G. T. R'y System, Chicago, Ill.

CHAS. CLARKE,
Division Freight Agent, G. T. R'y System, Detroit, Mich.

IRA W. GANTT,
Division Freight Agent, G. T. R'y System, Toledo, Ohio.

Issued by
H. C. MARTIN,
Chief of Tariff Bureau, Chicago, Ill.

(500)

A. R. Barnes & Co., Printers, Chicago.

The following rubber stamps appear upon this tariff:

Received Apr. 22, 1905
Ans.....
H. E. FELTON

Checked
J R P
Date

[a] In the original exhibit the words "New York, New Haven & Hartford R. R. are stricken through with red ink.

From

TOLEDO, OHIO,

To

Trunk Line Territory.

To—	Rate in cents per 100 lbs.	To—	Rate in cents per 100 lbs.	To—	Rate in cents per 100 lbs.
Buffalo.....N. Y.	13	Boston.....Mass	27	Rochester.....N. Y.	20½
Black Rock..... "	13	Philadelphia.....Pa.	20½	Mt. Morris..... "	20½
Niagara Falls..... "	13	Albany.....N. Y.	22	Emporium.....Pa.	20½
Suspension Bridge..... "	13	Utica..... "	20½	Olean.....N. Y.	20½
Salamanca..... "	13	Syracuse..... "	20½	Montreal [a].....Que.	20½
New York..... "	25	Oswego..... "	23½	(For export only.)	
Jersey City.....N. J.	22				

[a] In the original exhibit the words "Montreal, Que., 20½ (For export only)" are stricken out with red ink and the following written thereafter: "Cancelled Sup. 2."

For list of stations to which above rates apply see various Fast Freight Line Billing instructions.

From

TOLEDO, OHIO,

To

Central Freight Association Territory.

To—	Rate in cents per 100 lbs.	To—	Rate in cents per 100 lbs.	To—	Rate in cents per 100 lbs.
Bay City.....Mich.	12	Holly.....Mich.	9	Port Huron.....Mich.	12
Battle Creek..... "	10½	Ionia..... "	12	Rochester..... "	9
Blue Island.....Ill.	12	Jackson..... "	8	Saginaw..... "	12
Cadillac.....Mich.	14	Joliet.....Ill.	12	Schoolcraft..... "	12

Issued December 7, 1904. Effective December 12, 1904.

Governed by the Official Classification and exceptions thereto as shown in I. C. C. No. A-881, G. F. D. No. 993, or subsequent issues, and subject to the terms and conditions printed in the bills of lading of this company.

PROPERTY UNLOADED INTO RAILROAD STATIONS OR WAREHOUSES OF THIS SYSTEM must be removed within 24 hours after arrival, and if not so removed, will, at the option of the carrier, either be removed and stored at a public warehouse, at owner's cost and risk, and there held subject to lien for freight and charges; or will be retained in the stations or warehouses of this system under the same conditions and subject to like charges for storage as prevail at public warehouses, except as otherwise provided by such public regulations as may be established by delivering carrier.

Under this tariff, when freight is to be loaded by consignor or unloaded by consignee, one dollar ($1.00) per car per day or fraction thereof, for delay beyond 48 hours in loading or unloading, will be added to the rates named herein and constitute a part of the total charges to be collected by the carrier on the property; except, however, when in conflict with Car Service Association or local regulations at shipping point or destination, in which case such Car Service Association or local regulations shall prevail.

General freight officials of roads named above will certify to the Interstate Commerce Commission their concurrence in the rates herein given.

JOHN PULLEN,
General Freight Agent, G. T. R'y System, Montreal, Que.

C. A. HAYES,
Assistant General Freight Agent, G. T. R'y System, Chicago, Ill.

CHAS. CLARKE,
Division Freight Agent, G. T. R'y System, Detroit, Mich.

IRA W. GANTT,
Division Freight Agent, G. T. R'y System, Toledo, Ohio.

Issued by
H. C. MARTIN,
Chief of Tariff Bureau, Chicago, Ill.

(500)

A. R. Barnes & Co., Printers, Chicago.

The following rubber stamps appear upon this tariff:

Received Apr. 22, 1905 Ans..... H. E. FELTON	Checked J R P Date

[a] In the original exhibit the words "New York, New Haven & Hartford R. R. are stricken through with red ink.

From

TOLEDO, OHIO,

To

Trunk Line Territory.

To—	Rate in cents per 100 lbs.	To—	Rate in cents per 100 lbs.	To—	Rate in cents per 100 lbs.
Buffalo.....N. Y..	13	Boston.....Mass	27	Rochester.....N. Y..	20½
Black Rock..... "	13	Philadelphia.....Pa..	20½	Mt. Morris..... "	20½
Niagara Falls..... "	13	Albany.....N. Y..	22	Emporium.....Pa..	20½
Suspension Bridge..... "	13	Utica..... "	20½	Olean.....N. Y..	20½
Salamanca..... "	13	Syracuse..... "	20½	Montreal [a].....Que..	20½
New York..... "	25	Oswego..... "	23½	(For export only.)	
Jersey City.....N. J..	22				

[a] In the original exhibit the words "Montreal, Que., 20½ (For export only)" are stricken out with red ink and the following written thereafter: "Cancelled Sup. 2."

For list of stations to which above rates apply see various Fast Freight Line Billing instructions.

From

TOLEDO, OHIO,

To

Central Freight Association Territory.

To—	Rate in cents per 100 lbs.	To—	Rate in cents per 100 lbs.	To—	Rate in cents per 100 lbs.
Bay City.....Mich..	12	Holly.....Mich..	9	Port Huron.....Mich..	12
Battle Creek..... "	10½	Ionia..... "	12	Rochester..... "	9
Blue Island.....Ill..	12	Jackson..... "	8	Saginaw..... "	12
Cadillac.....Mich..	14	Joliet.....Ill..	12	Schoolcraft..... "	12
Cassopolis..... "	12	Kalamazoo.....Mich..	12	South Bend.....Ind..	12
Charlotte..... "	10½	Kankakee.....Ill..	12	South Lyon.....Mich..	8½
Chicago..... "	12	Lansing.....Mich..	10½	Sparta..... "	12
Detroit..... "	6½	Lapeer..... "	11	Stillwell.....Ind..	12
Durand..... "	9	Mackinaw City..... "	18½	Traverse City.....Mich..	17½
Flint..... "	9	Mishawaka.....Ind..	12	Valparaiso.....Ind..	12
Grand Haven..... "	12	Muskegon.....Mich..	12	Vicksburg.....Mich..	12
Grand Rapids..... "	12	Owosso..... "	10½	Wellsboro.....Ind	12
Hamburg..... "	8	Pontiac..... "	9	Wixom.....Mich..	8½

CONDITIONS.

The minimum carload of barrels or cases will be 24,000 pounds.

The minimum carload of tank cars will be the full capacity of the tanks.

The contents of tank cars will be computed at $6\frac{4}{10}$ pounds per gallon.

The following weights will apply to barrels or cases: The weight of barrels will be computed at 400 pounds each. Square cans, completely cased, each case containing ten gallons, will be computed at 80 pounds per case. Cases other than those described above, containing lubricating oil in glass or tin, actual gross weight.

Mixed carloads of oil in barrels and cases will be taken at rates named in this tariff, based on the above weights.

When less than the aforesaid minimum carloads are shipped the less than carload rates will be charged as per Merchandise Tariffs and Official Classification. In no case, however, will less than a carload from one consignor to one consignee and destination be charged more than for a full carload.

This company does not furnish tank cars. When they are furnished by shippers this company will pay three-quarters of one cent per mile run each way over its own road, and will return the empty car to point of shipment without charge.

Shipments at these rates are entirely at owner's risk of leakage and loss or damage by fire.

The rates named herein are subject to changes without notice except as required by law.

Rates to intermediate stations will not exceed the rates to the next station of greater distance on the same railroad.

Petroleum and its products in tank cars will be delivered only when consigned to parties at points at which they have proper unloading and storage facilities, and when shipments in tank cars are sent to parties who have not such facilities the shipments will be returned to shippers at their risk and expense.

The rates named in this tariff are for transportation in carloads between original point of shipment and destination, and do not permit of any stops en route to unload any part of the lading. J. C. 1897, 1938.

DEFENDANTS' EXHIBIT 124-A.

C. R. C. No. W 45.

I. C. C. No. A-944.
Cancels I. C. C. No. A-836.

D. & T. S. L. I. C. C. No. 89.
Cancels D. & T. S. L. I. C. C. No. 17.

Grand Trunk Lines West G. F. D. No. 1060.
Cancels G. T. L. W. G. F. D. No. 943.

D. & T. S. L. T. M. No. 142.
Cancels D. & T. S. L. T. M. No. 42.

GRAND TRUNK RAILWAY SYSTEM.

Lines west of Detroit and St. Clair rivers.

and

DETROIT & TOLEDO SHORE LINE RAILROAD

in connection with

ATCHISON, TOPEKA & SANTA FE RY.,
BOSTON & ALBANY R. R.,
BOSTON & MAINE RAILROAD,
BUFFALO, ROCHESTER & PITTSBURGH RY.,
CANADA ATLANTIC RY.,
CHICAGO & ALTON R. R.,
CHICAGO, ROCK ISLAND & PACIFIC RY.,
DELAWARE & HUDSON R. R.,
DELAWARE, LACKAWANNA & WESTERN R. R.,
ERIE RAILROAD,
LEHIGH VALLEY R. R.,
MAINE CENTRAL RAILROAD,
NEW YORK CENTRAL & HUDSON RIVER R. R.,
NEW YORK, ONTARIO & WESTERN RY.,
NEW YORK, NEW HAVEN & HARTFORD R. R.,[a]

From

DEFENDANTS' EXHIBIT 124-B.

[Cover.]

No. 9. 1903.

NATIONAL DESPATCH-GREAT EASTERN LINE,

Operating in connection with

GRAND TRUNK RAILWAY SYSTEM,

CENTRAL VERMONT RAILWAY CO. BOSTON & MAINE R. R.

and connections.

Shippers' and agents' guide No. 9.

Advising rates and way-billing instructions in connection with

East-bound all-rail traffic

from

Western States points

to

Points in Eastern Canada

and the New England States

via

GRAND TRUNK RAILWAY SYSTEM

and connections.

Effective January 1st, 1903.

Superseding Shippers' and Agents' Guide No. 8 of the National Despatch Fast Freight Line, and No. 12 of the Great Eastern Fast Freight Line and Supplements thereto.

C. A. HAYES, *Manager,*
Buffalo, N. Y.

For list of Railroads over which this Line operates see inside.

Adams & White, Printers and Binders, 209-213 Main street, Buffalo, N. Y.

NATIONAL DESPATCH-GREAT EASTERN LINE

Operating over the following railroads and their connections:

Ann Arbor.
Arcadia & Betsey River.
Atchison, Topeka & Santa Fe.
Baie Des Chaleurs Steamer Lines.
Baltimore & Ohio South-western.
Boston & Maine.
Boyne City & South-eastern.
Bridgton & Saco River.
Brockville, Westport & Sault Ste. Marie.
Canada Atlantic.
Canada Coal & Railway Co.
Canada Eastern.
Caraquet & Gulf Shore.
Central New England.
Central Railway of Nova Scotia.
Central Vermont.
Charlottetown Steam Navigation Co.
Chicago & Alton.
Chicago, Burlington & Quincy.
Chicago & Eastern Illinois.
Chicago Great Western.
Chicago, Indianapolis & Louisville.
Chicago Junction.
Chicago, Kalamazoo & Saginaw.
Chicago, Wilwaukee & St. Paul.
Chicago & North-western.
Chicago, Peoria & St. Louis.
Chicago, Rock Island & Pacific.
Chicago, Terminal Transfer Co.
Cincinnati, Hamilton & Dayton.
Cincinnati, New Orleans & Texas Pacific (Queen & Crescent).
Cincinnati Northern.
Cincinnati, Richmond & Muncie.
Cleveland, Cincinnati, Chicago & St. Louis.
Cumberland Railway & Coal Co.
Davenport, Rock Island & Northwestern.
Detroit and Mackinac.
Detroit & River St. Clair.
Detroit Southern.
Dominion Atlantic.
Elgin, Joliet & Eastern.
Elgin & Havelock.
Evansville & Terre Haute.
Franklin & Megantic.
Georges Valley.
Goodrich Transportation Co.
Grand Rapids & Indiana.
Grand Trunk R'y System:
- Cincinnatti, Saginaw & Mackinaw.
- Detroit, Grand Haven & Milwaukee.
- Grand Trunk Western.
- Toledo, Saginaw & Muskegon.

Hampton & St. Martins.
Hocking Valley.
Illinois Central.
Illinois Southern.
Indiana, Illinois & Iowa.
Intercolonial.
Iowa Central.
Jacksonville & St. Louis.
Kennebec Central.
Kent Northern.
Lake Erie & Western.
Lotbiniere & Megantic.
Louisville, Evansville & St. Louis.
Louisville & Nashville.
Maine Central.
Manistee & Grand Rapids.
Manistee & North-eastern.
Midland Railway (Nova Scotia).
Milwaukee, Benton Harbor & Columbus.
Moncton & Buctouche.
Montpelier & Wells River.
Muscatine North & South.
New Brunswick Coal & Railway Co.
New Brunswick & Prince Edward Island.
New York Central & Hudson River (Boston & Albany Div.).
New York, New Haven & Hartford.
Norfolk & Western.
Nova Scotia Steel Co.'s Railway.
Ohio Central Lines.
Ottawa & New York.
Pere Marquette.
Phillips & Rangeley.
Pittsburg, Cincinnati, Chicago & St. Louis.
Pontiac, Oxford & Northern.
Portland & Rumford Falls.
Prince Edward Island.
Quebec Central.
Quebec Southern.
Rockland, Thomaston & Camden.
St. Johnsbury & Lake Champlain.
St. Louis, Keokuk & North-western.
Saginaw, Tuscola & Huron.
Salisbury & Harvey.
Sandy River.
Sebasticook & Moosehead.
Somerset.
South Haven & Eastern.
Sydney & Louisburg.
Temiscouata.
Toledo, St. Louis & Western.
Vandalia Line.
Wabash.
Wabash, Chester & Western.
Washington County.
Wheeling & Lake Erie.
Wiscasset, Waterville & Farmington.
Wisconsin Central Lines.
Woodstock.

IMPORTANT INSTRUCTIONS FOR THE GUIDANCE OF SHIPPERS AND AGENTS. [Page 1.]

Traffic on which the rates and instructions of this guide apply.

This billing list or guide is applicable on all-rail shipments from Western States points, also on traffic "Across Lake Michigan" from or via Milwaukee, Manitowoc, Kewaunee, Wis., and Manistique and Menominee, Mich., but does not apply on lake and rail shipments from or via Port Huron, Mich., and other Grand Trunk Railway lake ports, nor on shipments from Canadian points.

Reduced "commodity" rates not necessarily applicable.

The rates indicated in "Rates" Column are based on the ordinary current eastbound rates. When lower rates are issued on commodities, the instructions in this guide will not necessarily apply in connection with said reduced rates. In such cases agents and others interested must not undertake to transport traffic under the reduced rates until they have ascertained from the proper traffic official of the initial road that the roads interested are prepared to transport the commodity at the reduced rates.

Petroleum and its products.

Petroleum or its products, whether in tank cars or in packages, must not be taken under the instructions of this guide, but such shipments will be subject to special tariffs and local regulations of railroads interested.

High explosives.

High explosives will only be accepted subject to the special tariffs or local regulations of railroads interested.

Heavy or bulky freight via Grand Haven route.

The Grand Trunk Railway advises that freight too bulky to pass the gangways of steamers plying between Grand Haven, Muskegon, and Milwaukee has been contracted and forwarded by this route, causing much delay and additional expense.

To avoid such delay and expense, agents and connections are requested not to contract by this route machinery or other bulky freight which will not come within the following limitations as to size and weight of each piece (outside measurement):

Length	30 feet.
Width	6 feet 6 inches.
Height	7 feet 4 inches.
Weight	8,000 pounds.

Prepayment of charges on granite returned to manufacturers.

The Central Vermont and Boston & Maine Railroad Companies advise that owing to the number of shipments of granite, both wrought and unwrought, received by them, which are refused by consignees without justifiable pretext, it is deemed advisable to decline to receive such shipments from connecting lines in the future, when returned to manufacturers, unless all charges are prepaid.

"Stop-off" privileges on carload traffic at Montreal, Que., and St. Albans, Vt.

For rules governing, see National Despatch-Great Eastern Line Circular No. 8, of June 30, 1902, or subsequent issues.

Lumber "stop off" at Burlington, Vt.

Bills of lading and waybills may be made for lumber to be stopped off at Burlington for dressing; the charge therefor must be borne by the owners of the property, and so noted on waybills and receipts. The stop-over notation must be made on both the outside and inside of such waybills.

Icing stations.

The following is a list of icing stations at which shipments of perishable freight may be re-iced when forwarded by the railroads named below:

On direct line Chicago to Portland, Me., and Boston, Mass.

Elsdon (Chicago), Ill	Grand Trunk Railway.
Port Huron Tunnel, Mich	Grand Trunk Railway.
Don (Toronto), Ont	Grand Trunk Railway.
Montreal, Que	Grand Trunk Railway.

To Portland.

Island Pond, Vt	Grand Trunk Railway.

To Boston via C. V. Railway.

White River Junction, Vt	Central Vermont Ry.
Nashua, N. H	Boston & Maine R. R.

Necessity of shippers designating the stations at which they wish shipments iced.

Unless shippers have made special arrangements with the above railroad companies, it will be necessary for them to designate on each forwarding or shipping order the point at which the freight is to be iced.

ROUTING INSTRUCTIONS FOR TRAFFIC VIA CENTRAL VERMONT RAILWAY.

West of St. Johns, Que., will be found with the percentages, and waybills must show junction points accordingly.
East of St. Johns, Que., routing instructions are as follows, and the injunction points mentioned must be shown on waybills:

To points taking—	Route via—
"Montpelier" per cents	St. Johns, Que.
"Nashua", "East Boston", "Lynn" per cents	St. Johns, Que., and White River Junction, Vt.
"Springfield", "Fitchburg" per cents	St. Johns, Que., and Windsor, Vt.
"St. Johnsbury" per cents	St. Johns, Que., Montpelier and Wells River, Vt., *except to stations located on the St. J. & L. C. R. R., for which see special routing instructions below.*

REFERENCE C.

Special instructions for routing traffic for the below-mentioned points, east of St. Johns, Que.
It is essential that this routing be shown on all waybills and car labels, when the traffic is forwarded via the Central Vermont Railway.

Stations.	Route east of St. Johns, Que., via—	Stations.	Route east of St. Johns, Que., via—	Stations.	Route east of St. Johns, Que., via—
Ayer, Mass.	White River Junction, Vt.	Fairfield, "	East Swanton, Vt.	Pepperell (W. N. & P. Div.), Mass.	White River Junction, Vt.
Belmont (Cent. Mass. Div.), "	" "	Fletcher, "	" "	Pepperell (Fitch. Div.), "	Windsor, Vt.
Belmont (Fitch. Div.), "	Windsor, Vt.	Gleasondale (Cent. Mass. Div.), Mass.	White River Junction, Vt.	Peterboro, N. H.	White River Junction, Vt.
Boston, "	White River Junction, Vt.	Gleasondale (Fitch. Div.), "	Windsor, Vt.	St. Johnsbury, Vt.	East Swanton, Vt.
Boston Junction, "	" "	Greensboro, Vt.	East Swanton, Vt.	Sheldon, "	" "
Boynton Yard (Somerville), "	" "	Hardwick, "	" "	Sheldon Jc. (St. J. & L. C.), "	" "
Cambridge, "	Windsor, Vt.	Highgate, "	" "	Somerville (E. & W. Divs.), Mass.	White River Junction, Vt.
Cambridge Jc. (St. J. & L. C.), Vt.	East Swanton, Vt.	Hudson (Cent. Mass. Div.), Mass.	White River Junction, Vt.	Somerville (Fitch. Div.), "	Windsor, Vt.
Charlestown, Mass.	White River Junction, Vt.	Hudson (Fitch. Div.), Mass.	Windsor, Vt.	Swanton (St. J. & L. C.), Vt.	East Swanton, Vt.
Concord (South. Div.), "	" "	Hyde Park, Vt.	East Swanton, Vt.	Walden, Vt.	East Swanton, Vt.
Concord (Fitch. Div.), "	Windsor, Vt.	Jefferson (Cent. Mass. Div.), Mass.	White River Junction, Vt.	Waltham (Cent. Mass. Div.), Mass.	White River Junction, Vt.
Concord Jc. (W. N. & P. Div.) "	White River Junction, Vt.	Jefferson (Fitch. Div.) "	Windsor, Vt.	Waltham (Fitch. Div.), "	Windsor, Vt.
Concord Jc. (Fitch. Div.), "	Windsor, Vt.	Johnson, Vt.	East Swanton, Vt.	Waverly (Cent. Mass. Div.), "	White River Junction, Vt.
Danville, Vt.	East Swanton, Vt.	Keene, N. H.	Windsor, Vt.	Waverly (Fitch. Div.), "	Windsor, Vt.
East Boston, Mass.	White River Junction, Vt.	Lunenburg, Vt.	East Swanton, Vt.	West Concord, Vt.	East Swanton, Vt.
E. Cambridge (South. Div.), "	" "	Maquam, "	" "	West Danville, "	" "
E. Cambridge (Fitch. Div.), "	" "	Marlboro Village (W. N. & P. Div.) N. H.	White River Junction, Vt.	Wolcott, "	" "
East Concord, Vt.	East Swanton, Vt.	Marlboro (Fitch. Div.), "	Windsor, Vt.	Worcester, Mass.	White River Junction, Vt.
East Fairfield, "	" "	Miles Pond, Vt.	East Swanton, Vt.		
East Hardwick, "	" "	Morrisville, "	" "		
East Highgate, "	" "	Mystic Wharf, Mass.	White River Junction, Vt.		
East St. Johnsbury, "	" "	North Concord, Vt.	East Swanton, Vt.		

NATIONAL DESPATCH-GREAT EASTERN LINE [Page 20]

Operating in connection with

GRAND TRUNK RAILWAY SYSTEM,

CENTRAL VERMONT R'Y CO., BOSTON & MAINE R. R.

and connections.

Shippers' and agents' guide

Advising Rates and Waybilling Instructions in connection with

Eastbound and All-Rail Traffic

from

Western States Points.

In waybilling freight for the places named herein Agents will bill to the points named in column under heading "Waybill to," and use rates and divisions as advised in the columns following.

Stations on eastern railroads alphabetically arranged as follows.

Reference.	Station.	State.	Railroad.	Way-bill to–	Rates.		Divisions.
	Brightwood	Mass.	B. & M.	Brightwood	Boston.	See Note 9.	
	Bristol	N. H.	B. & M.	Bristol	Boston.	See Note 1.	
	Bristol	R. I.	N. Y., N. H. & H.	Worcester	Reference 3,	page 70.	
	Bristol Ferry	R. I.	N. Y., N. H. & H.	Lowell	Reference 3,	page 70.	
	Britannia Mills	Que.	G. T.	Britannia Mills	Sherbrooke,	Quebec.	
	Broad Brook	Conn.	N. Y., N. H. & H.	Springfield	Reference 8,	page 75.	Note 1.
	Broad Brook	Conn.	N. Y., N. H. & H.	Willimantic	Reference 5,	page 72.	Via C. V. R'y,
	Brockton	Mass.	N. Y., N. H. & H.	Lowell	Reference 3,	page 70.	Apply "Nashua" Div.
	Brockville	Ont.	G. T.	Brockville	Brockville,	Montreal.	Via Sherbrooke,
	Brompton Falls	Que.	G. T.	Brompton Falls	Sherbrooke,	Quebec.	Apply "Vernon" Div.
	*Brookbury	Que.	M. C.	Brookbury	Boston,	Rockland,	
	Brookfield	Mass.	B. & A.	Palmer	Reference 6,	page 73.	
b	Brookfield	N. S.	Intercolonial	Brookfield	Halifax,	New Glasgow.	
	Brookline	Mass.	B. & A.	East Cambridge	Reference 11,	page 78.	
	Brookline	N. H.	B. & M.	Brookline	Boston.	See Note 10.	
	*Brooklyn	N. B.	N. B. & P. E. I.	Sackville	Reference 33,	page 98.	
	Brooklyn	N. S.	Midland	Truro	Reference 34,	page 99.	
	Brooks	Mass.	B. & M.	Brooks	Boston.	See Note 10.	
	Brooks	Me.	M. C.	Brunswick	Reference 17,	page 84.	Note 8.
b	*Brookville	N. B.	Intercolonial	Brookville	St. John, N. B.	Moncton.	Via C. V. R'y,
	Brosseau's	Que.	G. T.	Brosseau's	St. Johns,	Quebec.	Apply "Lynn" Div.
	*Brosseau's Mills	Que.	L. & M.	Lyster	Reference 25,	page 90.	Via Groveton,
	Broughton	Que.	Q. C.	Sherbrooke	Reference 26,	page 91.	Apply "Rochester" Div.
	Brownfield	Me.	M. C.	Brownfield	Boston,	Rockland,	Via Portland, Me.,
b	*Brown's Point	N. S.	Intercolonial	Brown's Point	Halifax,	New Glasgow.	Apply "Dover" Div.
	*Brudenell	P.E.I.	P. E. I.	Point du Chene	Reference 39,	page 106.	
	Brunswick	Me.	M. C.	Brunswick	Boston,	Rockland,	
	Bryant's Pond	Me.	G. T.	Bryant's Pond	Boston,	Portland,	
b	*Bryenton's	N. B.	Intercolonial	Bryenton's	St. John, N. B.	Chatham Junc.	
	Brysons	Que.	G. T.	Brysons	St. Johns.	Quebec.	
	Buckfield	Me.	P. & R. F.	Mechanic Falls	Reference 16,	page 83.	
	Buckland	Conn.	N. Y., N. H. & H.	Willimantic	Reference 5,	page 72.	
	Buckland	Mass.	B. & M.	Greenfield	Reference 10,	page 77.	
	Bucksport	Me.	M. C.	Brunswick	Reference 17,	page 84.	
	Bucksport Centre	Me.	M. C.	Brunswick	Reference 17,	page 84.	Note 9.
	Buctouche	N. B.	M. & B.	Moncton	Reference 31,	page 96.	Via C. V. R'y,
	*Bulstrode	Que.	G. T.	Aston	Point Levi,	Quebec.	Apply "Springfield" Div.
	Burlington	Vt.	C. V.	Burlington	Boston,	Montpelier,	Via Sherbrooke,
	Burnham Junction	Me.	M. C.	Brunswick	Reference 17,	page 84.	Apply "Vernon" Div.
	Burnside	Conn.	N. Y., N. H. & H.	Willimantic	Reference 5,	page 72.	
b	*Burnside	N. S.	Intercolonial	Burnside	Halifax,	New Glasgow,	
	Burnsville	N. B.	C. & G. S.	Gloucester Junction	Reference 29,	page 94.	

	*Burtons	N. S.	Midland	Truro	Reference 34,	page 99.	
	Buttonwoods	R. I.	N. Y., N. H. & H	Worcester	Reference 3,	page 70.	
	Buxton	Me.	B. & M	Buxton	Boston.	See Note 8.	
	Buzzards Bay	Mass.	N. Y., N. H. & H	Lowell	Reference 3,	page 70.	
a	Byfield	Mass.	B. & M	Byfield	Boston.	See Note 8.	
	Byron	Me.	P. & R. F	Mechanic Falls	Reference 16,	page 83.	
.....	.....	.....	.....	.....	.....	.....	Note 10.
.....	.....	.....	.....	.....	.....	.....	Via C. V. R'y,
.....	.....	.....	.....	.....	.....	.....	Apply "Fitchburg" Div.
b	Cacouna	Que.	Intercolonial	Cacouna	Cacouna,	Ste. Flavie,	Via Sherbrooke,
	Calais	Me.	Washington Co	Brunswick	Reference 18,	page 85.	Apply "Vernon" Div.
b	*Calhoun's	N. B.	Intercolonial	Calhoun's	Halifax,	Moncton,	
c	Cambridge	Mass.	B. & M	Cambridge	Boston.	See note 10.	
	Cambridge	N. S.	D. A	St. John	Reference 36,	page 102.	
	Cambridge	N. S.	D. A	Windsor Junction	Reference 35,	page 100.	
	Cambridge	Ont.	O. & N. Y	Cornwall	Ottawa,	Montreal.	

* Prepaid stations.

a Boston rates apply on carloads of all classes of freight and on shipments of cotton or wool in any quantity; for rates and billing instructions applicable on less than carload shipments other than cotton and wool, see Reference No. 15, page 82.

b In the absence of through percentage divisions with the Intercolonial R'y, traffic will be subject to the current local rates to Montreal, and the local rates from Montreal to the respective destinations.

c See Special Routing Instructions, page 1

DEFENDANTS' EXHIBIT 125.

Statement of rates from various independent producing points in comparison with the rates from Rochester to Norwood, and from New London, Ct., to Burlington, Vt.

From—	To—	Rate per cwt.	Distance.	Rate per ton per mile.
New London, Ct	Burlington, Vt	12c.	273	.88c.
Rochester, N. Y	Norwood, N. Y	9c.	210	.90c.
Toledo, Ohio	Cincinnati, O	10c.	211	.95c.
Toledo, "	Louisville, Ky. (North Bank)	14½c.	325	.89c.
" "	Terre Haute, Ind	12c.	291	.83c.
" "	Vincennes	15c.	335	.89c.
" "	Brownstown, "	13c.	308	.84c.
" "	Indianapolis	10c.	214	.93c.
Cleveland, O	Cincinnati, O	10½c.	244	.86c.
" "	Dayton, Ohio	9c.	188	.96c.
" "	Marion, Ohio	12c.	264	.91c.
" "	Richmond	12c.	283	.84c.
" "	Cincinnati	10½c.	244	.86c.
Pittsburg, Pa	"	14c.	313	.89c.
Wellsville, N. Y	Philadelphia	14½c.	383	.76c.
Wellsville, "	Albany, N. Y	11½c.	286	.80c.

The above-mentioned rates from Toledo to Cincinnati and Cleveland to Cincinnati, Cleveland to Dayton, and Toledo to Indianapolis are shown in L. S. & M. S. Ry. tariff I. C. C. A–906 of January 2nd, 1900.

From Wellsville to Philadelphia shown in Buffalo & Susquehanna R. R. Tariff I. C. C. 672 of March 25th, 1903, and the rate from Wellsville to Albany is shown in B. & S. R. R. tariff I. C. C. 800 of August 1st 1904.

DEFENDANTS' EXHIBIT 126.

Table of comparison of petroleum rates from Bradford, Pa., and from Wellsville, N. Y., to various New England points, in effect during 1904.

	Bradford.	Wellsville.	Difference.	Bradford.	Wellsville.	Difference.	Basis on which rates were made. Arbitraries over Boston and Albany rate points.
	CL.	CL.	CL.	LCL.	LCL.	LCL.	
Arlington.....Mass..	27 AE	22½ BE	4½	30½ C	27½ C	3	3½ E, Boston.
Beverly.....Mass..	29½ AE	25 BE	4½	30½ C	27½ C	3	6 E, Boston.
Biddeford.....Me..	30½ AD	26½ BD	4	38½ C	35½ C	3	15 D, Mechanicsville.
Bristol.....N. H..	30½ AD	26½ BD	4	30½ C	27½ C	3	15 D, Mechanicsville.
Dover.....N. H..	30½ AD	26½ BD	4	30½ C	27½ C	3	15 D, Mechanicsville.
E. St. Johnsbury.....Vt..	31½ AD	27½ BD	4	33 C	33 C	0	16 D, Mechanicsville.
Franklin.....N. H..	30½ AE	26 BE	4½	30½ C	27½ C	3	7 E, Concord.
Highgate.....Vt..	32½ AD	28½ BD	4	33 C	33 C	0	17 D, Mechanicsville.
Lawrence.....Mass..	30½ AE	26 BE	4½	30½ C	27½ C	3	7 E, Nashua.
Lowell.....Mass..	30½ AD	26½ BD	4	30½ C	27½ C	3	15 D, Mechanicsville.
Lunenburg.....Vt..	31½ AD	27½ BD	4	33 C	33 C	0	16 D, Mechanicsville.
Lynn.....Mass..	27½ AE	23 BE	4½	30½ C	27½ C	3	4 E, Boston.
Manchester.....Mass..	30½ AE	26 BE	4½	30½ C	27½ C	3	7 E, Nashua.
Portland.....Me..	30½ AD	26½ BD	4	30½ C	27½ C	3	15 D, Mechanicsville.
Portsmouth.....N. H..	30½ AE	26 BE	4½	30½ C	27½ C	3	7 E, Manchester.
Plymouth.....N. H..	30½ AD	26½ BD	4	30½ C	27½ C	3	15 D, Mechanicsville.
Rochester.....N. H..	30½ AD	26½ BD	4	30½ C	27½ C	3	15 D, Mechanicsville.
Salem.....Mass..	28½ AE	24 BE	4½	30½ C	27½ C	3	5 E, Boston.
Somerville.....Mass..	26½ AE	22 BE	4½	30½ C	27½ C	3	3 E, Boston.
Windham.....N. H..	27½ AE	23 BE	4½	30½ C	27½ C	3	4 E, Manchester.

A. Erie tariff, I. C. C. 3600, effective June 23, 1903.
B. Erie " I. C. C. 3003, " June 23, 1903.
C. Erie " I. C. C. 3315, " Nov. 10, 1902.
D. B. & M. " I. C. C. 2200, " May 5, 1901.
E. B. & M. " I. C. C. A-400, " Jany. 1, 1897.

From—	To— Boston.	To— Mechanicsville.
Bradford	23½	15½
Wellsville	19	11½

DEFENDANTS' EXHIBIT 127.

MAINE CENTRAL RAILROAD.

Table showing correction of the rates to points on the Maine Central Railroad as shown in petitioner's Exhibit 622.

From	Toledo.			Cleveland.			Oil City.			Basis on which rates were made: Arbitraries over points shown below.
To	Rate in Gov. Ex. 622.	Correct rate.	Error in Gov. Ex. 622.	Rate in Gov. Ex. 622.	Correct rate.	Error in Gov. Ex. 622.	Rate in Gov. Ex. 622.	Correct filed rate.	Error in Gov. Ex. 622	
Cumberland Jct. Me.	41	27 A	14	38	24 B	14	38	38	0	
Cumberland Mills "	40	27 A	13	37	24 B	13	37	37	0	
Auburn "	42	27 A	15	39	24 B	15	39	35½ EG	3½	12 G, Boston.
Bath "	45	27 A	18	42	24 B	18	42	42	0	
Brunswick "	42	27 A	15	39	24 B	15	39	35½ EG	3½	12 G, Boston.
Danville Jct "	44	27 A	17	41	24 B	17	41	41	0	
Freeport "	45	27 A	18	42	24 B	18	42	42	0	
Lisbon Falls "	43½	27 A	16½	40½	24 B	16½	40½	35½ EG	5	12 G, Boston.
Newcastle "	47	27 A	20	44	24 B	20	44	38½ EH	5½	15 H, Boston.
New Gloucester "	43	27 A	16	40	24 B	16	40	40	0	
Rockland "	47	27 A	20	44	24 B	20	44	44	0	
South Windham "	42	27 A	15	39	24 B	15	39	39	0	
Steep Falls "	44½	27 A	17½	41½	24 B	17½	41½	41½	0	
Conway Centre N. H.	45	27 A	18	42	24 B	18	42	42	0	
Lancaster "	45	27 A	18	42	24 B	18	42	38½ EJ	3½	15 J, Boston.
Beecher Falls Vt.	50	27 A	23	47	24 B	23	47	39½ EK	7½	16 K, Concord.
Guildhall "	49	27 A	22	46	24 B	22	46	38½ EJ	7½	15 J, Boston.
Sawyerville Que.	50	43 LK	7	47	40 EK	7	47	39½ EK	7½	16 K, Concord.

A. G. T., I. C. C., A-944, effective Dec. 12, 1904.
B. B. & O., I. C. C., 4538, " Feb. 1, 1904.
E. Erie, I. C. C., A-114, " Mar. 12, 1896.
G. B. & M., I. C. C., 3198, " Apr. 6, 1903.
H. B. & M., I. C. C., 3236, " May 15, 1903.
J. B. & M., I. C. C., 49, " Jan. 1, 1897.
K. B. & M., I. C. C., 1511, " Aug. 25, 1899.
L. C. H. & D., I. C. C., 1188, " Feb. 2, 1904.

From Toledo to Boston.....27
" Cleveland " " 24
" Oil City " " 23½

DEFENDANTS' EXHIBIT 128.

Correction in rates from Government Exhibit No. 622, giving the lowest combination available from Oil City in the year 1904.

To—	Rate in Gov. Ex. 622.	Correct Rate.	Error in Government exhibit.	Basis on which rates were made. Arbitraries over points shown below.
Cumberland Jct.....Me..	38	34½ ELC	3½	15½c. to Mech. V., 15 to Port., 4 byd.
Cumberland Mills..... "	37	33½ ELF	3½	15½c. to Mech. V., 15 to Port., 3 byd.
Auburn..... "	39	35½ EG	3½	12c. Boston.
Bath..... "	42	35½ ELM	6½	15½c. to Mech. V., 15 to Port., 5 byd.
Brunswick..... "	39	35½ EG	3½	12c. Boston.
Danville Jct..... "	41	36½ ELC	4½	15½c. to Mech. V., 15 to Port., 6 byd.
Freeport..... "	42	35½ ELM	6½	15½c. to Mech. V., 15 to Port., 5 byd.
Lisbon Falls..... "	40½	35½ EG	5	12c. Boston.
Newcastle..... "	44	38½ EH	5½	15c. Boston.
New Gloucester..... "	40	36½ ELC	3½	15½c. to Mech. V., 15 to Port., 6 byd,
Rockland..... "	44	35½ ELN	8½	15½c. to Mech. V., 15 to Port., 5 byd.
South Windham..... "	39	35½ ELF	3½	15½c. to Mech. V., 15 to Port., 5 byd.
Steep Falls..... "	41½	37½ ELF	4	15½c. to Mech. V., 15 to Port., 7½ byd.
Conway Centre.....N. H..	42	39½ ELF	2½	15½c. to Mech. V., 15 to Port., 9 byd.
Lancaster..... "	42	38½ EJ	3½	15c. Boston.
Beecher Falls.....Vt..	47	39⅔ EK	7½	16c. Concord.
Guildhall..... "	46	38½ EJ	7½	15c. Boston.
Sawyerville.....Que..	47	39½ EK	7½	16c. Concord.

C. Me. Cent. tariff 172, effective Aug. 18th, 1899, filed with I. C. C. May 22nd, 1906, under I. C. C. 1163.
E. Erie I. C. C. A-114, effective March 12th, 1896.
F. Me. Cent. local mileage class rate tariff. This tariff filed with I. C. C., Oct. 15th, 1906, under I. C. C. 1264.
G. B. & M., I. C. C. 3198, effective April 6th, 1903.
H. B. & M., I. C. C. 3236, " May 15th, 1903.
J. B. & M., I. C. C. 49, " Jany. 1st, 1897.
K. B. & M., I. C. C. 1511, " Aug. 25th, 1899.
L. B. & M., I. C. C. 2200, " May 1st, 1901.
M. Me. Cent. rate issue R-02-499, of Nov. 17th, 1902, filed with I. C. C. December 3rd, 1906, under I. C. C. 1271.
N. Me. Cent. tariff 238, effective June 9th, 1902, filed with I. C. C. March 22nd, 1906, under I. C. C. 1162.

The rate from Oil City to Portland, Me., of 30½c. used in this statement is made up of 15½c. Oil City to Mechanicsville, N. Y., Erie tariff I. C. C. A-114, effective March 12th, 1896, and 15c. Mechanicsville to Portland B. & M. tariff I. C. C. 2200, effective May 1st, 1901.

The rate from Oil City to Boston as used in the foregoing compilation is 23½c.

NOTE.—Explanation of abbreviations.
Mech. V, denotes Mechanicsville.
Port., denotes Portland.
Byd., denotes beyond.

DEFENDANTS' EXHIBIT 129.

NEW YORK, NEW HAVEN & HARTFORD RAILROAD.

Table showing correction of the rates to points on the New York, New Haven & Hartford Railroad as shown in Petitioner's Exhibit 623.

From		Toledo.			Cleveland.			Oil City.			Basis on which rates were made: Arbitraries over points shown below.
To—		Rate in Gov. Ex. 623.	Correct rate.	Error in Gov. Ex. 623.	Rate in Gov. Ex. 623.	Correct rate.	Error in Gov. Ex. 623.	Rate in Gov. Ex. 623.	Correct rate.	Error in Gov. Ex. 623.	
Ansonia	Conn.	34	32 AB	2	31	29 AB	2	28½	26½ AB	2	10 B, Campbell Hall.
Attleboro	Mass.	33	33	0	30	30	0	29½	29½	0	
Bridgeport	Conn.	31	31	0	28	28	0	25½	25½	0	
Bristol	R. I.	37	37	0	34	34	0	33½	31½ AB	2	15 B, Campbell Hall.
Brockton	Mass.	32	32	0	29	29	0	28½	28½	0	
Danbury	Conn.	34	31 AB	3	31	28 AB	3	28½	25½ AB	3	9 B, Campbell Hall.
E. Providence Wharf	R. I.	33	33	0	30	30	0	29½	29½	0	
Fall River	Mass.	35	35	0	32	32	0	31½	31½	0	
Great Barrington	Mass.	32	32	0	29	29	0	28½	28½	0	
Hartford	Conn.	32	27 D	5	29	24 CG	5	28½	27½ AB	1	11 B, Campbell Hall.
Lee	Mass.	36	32 AE	4	33	29 AE	4	30½	28½ AE	2	5 E, Pittsfield.
New Bedford	Mass.	36	36	0	33	33	0	32½	31½ AB	1	15 B, Campbell Hall.
New Haven	Conn.	32	32	0	29	29	0	26½	26½	0	11 B, Campbell Hall.
New Britain	Conn.	33	31 DE	2	30	28 CE	2	29½	27½ AB	2	4 E, Hartford.
Newport	R. I.	37	37	0	34	34	0	33½	31½ AB	2	15 B, Campbell Hall.
Norwich	Conn.	39	36 AB	3	36	33 AB	3	33½	30 AB	3	14 B, Campbell Hall.
Pittsfield	Mass.	35	27 A	8	32	24 A	8	29½	23½ A	6	B. & A. dely. Boston rate.
Providence	R. I.	33	33	0	30	30	0	29½	29½	0	
Provincetown	Mass.	38	27 AB	1	35	34 AB	1	34½	31½ AB	3	15 B, Campbell Hall.
Waterbury	Conn.	34	31 AB	3	31	28 AB	3	28½	25½ AB	3	9 B, Campbell Hall.
Willimantic	Conn.	34	33 DE	1	31	30 CEG	1	26½ F	28½ AB	2	6 E, Hartford. 12 B, Campbell Hall.

A. L. S. & M. S. tariff, I. C. C. A-1353, effective Nov. 2, 1903.
B. C. N. E. " I. C. C. 1556, " May 10, 1904.
C. N. Y. C. & St. L. " I. C. C. 1452, " June 8, 1903.
D. C. H. & D. " I. C. C. 1188, " Feby. 2, 1904.
E. N. Y. N. H. & H. " I. C. C. 3100, " June 1, 1904.
F. Evidently error in computation, as Springfield rate plus 7 c. equals 30½ c.
G. White line eastbound billing book No. 33.

DEFENDANTS' EXHIBIT 129—(Corrected).

Table showing correction of the rates to points on the New York, New Haven & Hartford Railroad as shown in Petitioner's Exhibit 623.

NEW YORK, NEW HAVEN & HARTFORD RAILROAD.

From	Toledo.			Cleveland.			Oil City.			Basis on which rates were made: Arbitraries over points shown below.
To—	Rate in Gov. Ex. 623	Correct rate.	Error in Gov. Ex. 623.	Rate in Gov. Ex. 623.	Correct rate.	Error in Gov. Ex. 623.	Rate in Gov. Ex. 623.	Correct rate.	Error in Gov. Ex. 623.	
Ansonia.....Conn..	34	32 AB	2	31	29 AB	2	28½	26½ AB	2	10 B, Campbell Hall.
Attleboro.....Mass..	33	33	0	30	30	0	29½	29½	0	
Bridgeport.....Conn..	31	31	0	28	28	0	25½	25½	0	
Bristol.....R. I..	37	37	0	34	34	0	33½	31½ AB	2	15 B, Campbell Hall.
Brockton.....Mass..	32	32	0	29	29	0	28½	28½	0	
Danbury.....Conn..	34	31 AB	3	31	28 AB	3	28½	25½ AB	3	9 B, Campbell Hall.
E. Providence Wharf.....R. I..	33	33	0	30	30	0	29½	29½	0	
Fall River.....Mass..	35	35	0	32	32	0	31½	31½	0	
Great Barrington.....Mass..	32	32	0	29	29	0	28½	28½	0	
Hartford.....Conn..	32	32	0	29	24 CG	5	28½	27½ AB	1	11 B, Campbell Hall.
Lee.....Mass..	36	32 AE	4	33	29 AE	4	30½	28½ AE	2	5 E, Pittsfield.
New Bedford.....Mass..	36	36	0	33	33	0	32½	31½ AB	1	15 B, Campbell Hall.
New Haven.....Conn..	32	32	0	29	29	0	26½	26½	0	
New Britain.....Conn..	33	32 AB	1	30	28 CE	2	29½	27½ AB	2	11 B, Campbell Hall.
Newport.....R. I..	37	37	0	34	34	0	33½	31½ AB	2	15 B, Campbell Hall.
Norwich.....Conn..	39	36 AB	3	36	33 AB	3	33½	30½ AB	3	14 B, Campbell Hall.
Pittsfield.....Mass..	35	27 A	8	32	24 A	8	29½	23½ A	6	B. & A. dely Boston rate.
Providence.....R. I..	33	33	0	30	30	0	29½	29½	0	
Provincetown.....Mass..	38	37 AB	1	35	34 AB	1	34½	31½ AB	3	15 B, Campbell Hall.
Waterbury.....Conn..	34	31 AB	3	31	28 AB	3	28½	25½ AB	3	9 B, Campbell Hall.
Willimantic.....Conn..	34	34	0	31	30 CEG	1	26½ F	28½ AB	2	6 E, Hartford.

A L. S & M. S. tariff, I. C C. A-1353, effective Nov 2, 1903.
B. C N E. " I. C. C. 1556, " May 10, 1904.
C. B. & O " I. C. C. 4538, " Feby. 4, 1904.
D. C. H & D. " I. C. C. 1188, " Feby. 2, 1904.
E N. Y N. H. & H. " I. C. C. 3100, " June 1, 1904.
F. Evidently error in computation, as Springfield rate plus 7 c. equals 30½ c.
G. Erie Despatch.

DEFENDANTS' EXHIBIT 130.

CENTRAL VERMONT RAILWAY.

Table showing correction of rates to points on the Central Vermont Railway as shown in petitioner's Exhibit 624.

From	Toledo.			Cleveland.			Oil City.			Basis on which rates were made: Arbitraries over points shown below.
To—	Rate in Gov. Ex. 624.	Correct rate.	Error in Gov. Ex. 624.	Rate in Gov. Ex. 624.	Correct rate.	Error in Gov. Ex. 624.	Rate in Gov. Ex. 624.	Correct rate.	Error in Gov. Ex. 624.	
Alburg.....Vt..	56	27 A	29	53	43 BC	10	50½	42½ BC	8	27 C, Troy.
Barre..... " ..	56	27 A	29	53	49 BE	4	50½	48½ BE	2	33 E, Rotterdam Jct.
Burlington..... " ..	56	27 A	29	53	41 BE	12	50½	40½ BE	10	25 E, "
Montpelier..... " ..	56	27 A	29	53	49 BE	4	50½	48½ BE	2	33 E, "
Williamstown..... " ..	56	27 A	29	53	49 BE	4	50½	48½ BE	2	33 E, "
Williston..... " ..	56	27 A	29	53	49 BE	4	50½	48½ BE	2	33 E, "
White River Jct..... " ..	47	27 A	20	44	31 BD	13	43½	30½ BD	13	15 D, "
Braintree..... " ..	56	27 A	29	53	49 BE	4	50½	48½ BE	2	33 E, "
Hartford..... " ..	53	27 A	26	50	49 BE	1	49½	48½ BE	1	33 E, "
Middlesex..... " ..	56	27 A	29	53	49 BE	4	50½	48½ BE	2	33 E, "
Northfield..... " ..	56	27 A	29	53	49 BE	4	50½	48½ BE	2	33 E, "
Randolph..... " ..	56	27 A	29	53	49 BE	4	50½	48½ BE	2	33 E, "
Richmond..... " ..	56	27 A	29	53	49 BE	4	50½	48½ BE	2	33 E, "
Waterbury..... " ..	56	27 A	29	53	49 BE	4	50½	48½ BE	2	33 E, "
Enosburg Falls..... " ..	56	27 A	29	53	47 FG	6	50½	46½ BG	4	31 G, Albany.
Highgate Springs..... " ..	56	27 A	29	53	a 43 FG	10	50½	b 42½ BG	8	27 G, "
St. Albans..... " ..	56	27 A	29	53	a 43 FG	10	50½	b 42½ BG	8	27 G, "
Rouses Point.....N. Y..	56	27 A	29	53	36 F	17	50½	35½ F	15	

A. G. T. tariff, I. C. C. A- 944, effective Dec. 12, 1904.
B. L. S. & M. S. " I. C. C. A-1353, " Nov. 3, 1903.
C. B. & M. " I. C. C. 2282, " Nov. 28, 1904.
D. B. & M. " I. C. C. 2200, " May 1, 1901.
E. B. & M. " I. C. C. 2219, " Sept. 3, 1904.
F. Erie " I. C. C. A- 114, " Mch. 12, 1896.
G. N. Y. C. & H. R. " I. C. C. B-2746, " July 1, 1904.

a Winter basis, 47c, same tariff authority.
b Winter basis, 46½c, " " "

DEFENDANTS' EXHIBIT 131.

BOSTON & MAINE RAILROAD.

Table showing correction of the rates to points on the Boston & Maine Railroad, as shown in petitioner's Exhibit 621.

From	Toledo.			Cleveland.			Oil City.			Basis on which rates were made: Arbitraries over points shown below.
To—	Rate in Gov. Ex. 621.	Correct rate.	Error in Gov. Ex. 621.	Rate in Gov. Ex. 621.	Correct rate.	Error in Gov. Ex. 621.	Rate in Gov. Ex. 621.	Correct rate.	Error in Gov. Ex. 621.	
Arlington.....Mass..	30½	27 E	3½	27½	24 F	3½	27	27 AC	0	3½ C, Boston.
Biddeford.....Me..	38	27 E	11	35	24 F	11	34	30½ AB	3½	15 B, Mechanicsville.
Beverly.....Mass..	33	27 E	6	30	24 F	6	29½	29½ AC	0	6 C, Boston.
Bristol.....N. H..	35½	27 E	8½	32	24 F	8	32	30½ AB	1½	15 B, Mechanicsville.
Dover.....N. H..	37	27 E	10	34	24 F	10	33½	30½ AB	3	15 B, Mechanicsville.
E. St. Johnsbury.....Vt..	42½	27 E	15½	39½	24 F	15½	39	31½ AB	7½	16 B, Mechanicsville.
Franklin.....N. H..	34	27 E	7	31	24 F	7	30½	30½ AC	0	7 C, Concord.
Highgate.....Vt..	44	27 E	17	41	24 F	17	40½	32½ AB	8	17 B, Mechanicsville.
Lawrence.....Mass..	35	27 E	8	32	24 F	8	31½	30½ AC	1	7 C, Nashua.
Lowell.....Mass..	35	27 E	8	32	24 F	8	31½	30½ AB	1	15 B, Mechanicsville.
Lunenburg.....Vt..	43	27 E	16	40	24 F	16	39½	31½ AB	8	16 B, Mechanicsville.
Lynn.....Mass..	31	27 E	4	28	24 F	4	27½	27½ AC	0	4 C, Boston.
Manchester.....Mass..	34	27 E	7	31	24 F	7	30½	30½ AC	0	7 C, Nashua.
Portland.....Me..	37	27 E	10	34	24 F	10	33½	30½ AB	3	15 B, Mechanicsville.
Portsmouth.....N. H..	37	27 E	10	34	24 F	10	33½	30½ AC	3	7 C, Manchester, N. H., 15 B, Mechv.
Plymouth.....N. H..	37	27 E	10	34	24 F	10	33½	30½ AB	3	15 B, Mechanicsville.
Rochester.....N. H..	37	27 E	10	34	24 F	10	33½	30½ AB	3	15 B, Mechanicsville.
Salem.....Mass..	32	27 E	5	29	24 F	5	28½	28½ AC	0	5 C, Boston.
Somerville.....Mass..	30	27 E	3	27	24 F	3	26½	26½ AC	0	3 C, Boston.
Windham.....N. H..	31	27 E	4	28	24 F	4	27½	27½ AC	0	4 C, Manchester.

A. Erie tariff I. C. C. A-114, effective Mch. 12, 1896.
B. B. & M. " I. C. C. 2200, " May 5, 1901.
C. B. & M. " I. C. C. A-400, " Jany. 1, 1897.
E. G. T. " I. C. C. A-944, " Dec. 12, 1904.
F. B. & O. " I. C. C. 4538, " Feby. 1, 1904.

RUTLAND RAILROAD

Table showing correction of the rates to points on the Rutland Railroad as shown in petitioner's Exhibit 625

From.....	Toledo.			Cleveland.			Oil City.			Basis on which rates were made Arbitraries over points shown below
To—	Rate in Gov. Ex. 625.	Correct rate.	Error in Gov. Ex. 625.	Rate in Gov. Ex. 625.	Correct rate.	Error in Gov. Ex. 625.	Rate in Gov. Ex. 625.	Correct Rate.	Error in Gov. Ex. 625.	
Alburg.....Vt..	44	27 A	17	40½	40½	0	33	33	0	
Burlington..... " ..	44	27 A	17	40½	*a* 40½	0	33	33	0	
Shelburne..... " ..	44	35 AB	9	40½	*a* 40½	0	33	33	0	8 B, Burlington.
Vergennes..... " ..	44	39 AB	5	40½	*a* 40½	0	33	33	0	12 B, Burlington.
Salisbury..... " ..	44	41 JB	3	40½	*a* 38 CB	2½	33	33	0	14 B, Rutland.
Ferrisburg..... " ..	44	37 AB	7	40½	40 CB	½	33	33	0	16 B, Rutland; 10 B, Burlington.
Pittsford..... " ..	44	35 JB	9	40½	32 CB	8½	33	31½ CB	1½	8 B, Rutland.
Rutland..... " ..	44	27 J	17	40½	24 C	16½	33	23½ F	9½	
Bellows Falls..... " ..	44	27 JE	17	40½	24 E	16½	33	23½ F	9½	
Wallingford..... " ..	44	35 JB	9	40½	32 CB	8½	33	23½ F	9½	8 B, Rutland.
Manchester..... " ..	44	39 JH	5	40½	33½ CH	7	33	23½ F	9½	17 H, Troy.
Bennington..... " ..	44	32 JG	12	40½	26½ CG	14	33	23½ F	9½	10 G, Albany.

A G. T. Ry., I. C. C. A-944, effective December 12, 1904.—National Despatch.
B. Rutland R. R. tariff, I. C. C. 421, " December 10, 1900.
C. Erie R. R., I. C. C. A-114, " March 12, 1896.
E. L. S. & M. S. Ry. tariff, I. C. C. A-1353, " November 2, 1903.
F. Penna. R. R., I. C. C., S-460, " April 10, 1904.
G. B. & A. R. R., I. C. C. 824, " June 15, 1900.
H. Fitchburg R. R., I. C. C. 611, " March 15, 1895.
J. C. H & D. Ry., I. C. C. 1188, " February 2, 1904.
K. N. Y. C. & H. R. R. R., I. C. C. B-1818, " July 16, 1903.

a Summer rate 36c., Erie R. R., I. C. C. A-114, effective March 12, 1896, 16c. to Albany; beyond 20c. N Y. C. & H. R. R. R., I. C. C. B-1818, effective July 16, 1903.

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DEFENDANTS' EXHIBIT 132.

Comparative oil and fifth-class rates from Chicago (Whiting), Toledo, Cleveland, and Pittsburg, respectively, to Ohio River gateways.

From	Chicago (Whiting).			Toledo.			Cleveland.			Pittsburg, Pa.		
To—	Distance.	Rate.		Distance.	Rate.		Distance.	Rate.		Distance.	Rate.	
		Oil.	5th class.		Oil.	5th class.		Oil.	5th class.		Oil.	5th class.
Evansville, Ind	287	11c.	15c.	386	15c.	18c.	441	17½	18c.	542	22½c.	20½
Jeffersonville, Ind	a 291	11	15	319	14½	16	384	15	16	439	19	18
Cincinnati, Ohio	298	11	15	211	10	12½	263	10½	13	313	14	15

a Jeffersonville, Ind., is across Ohio River from Louisville, Ky., and takes Louisville rates less bridge tariff.

Authorities.—The rates from Chicago are named in through freight rate tariff No. 46, I. C. C. 81, effective Dec. 9, 1902.

" " " Toledo are named in L. S. & M. S. tariff, I. C. C. A-959, and C. H. D. joint freight tariff No. 2808, I. C. C. 615, effective January 4th, 1900.

" " " Cleveland, O., are named in Erie R. R. tariffs, I. C. C. A-1200, effective Jan. 1st, 1900, and I. C. C. A-1490, effective September 7th, 1901.

" " " Pittsburg, Pa., are named in Penna. Co. tariff, I. C. C. A-394, effective July 28, 1903, and P. C. C. & St. L. tariff, I. C. C. A-126, effective February 10, 1905.

Note.—The rate on oil from Chicago to Cairo, distance 365 miles, was 11c. per cwt. See Illinois Central R. R. tariff, I. C. C. A-839, effective March 25th, 1897, and in force until December 8th, 1906. This rate is not covered by C. E. Fulton's through freight rates No. 46, etc. The Official Classification, however, did not apply from Chicago to Cairo.

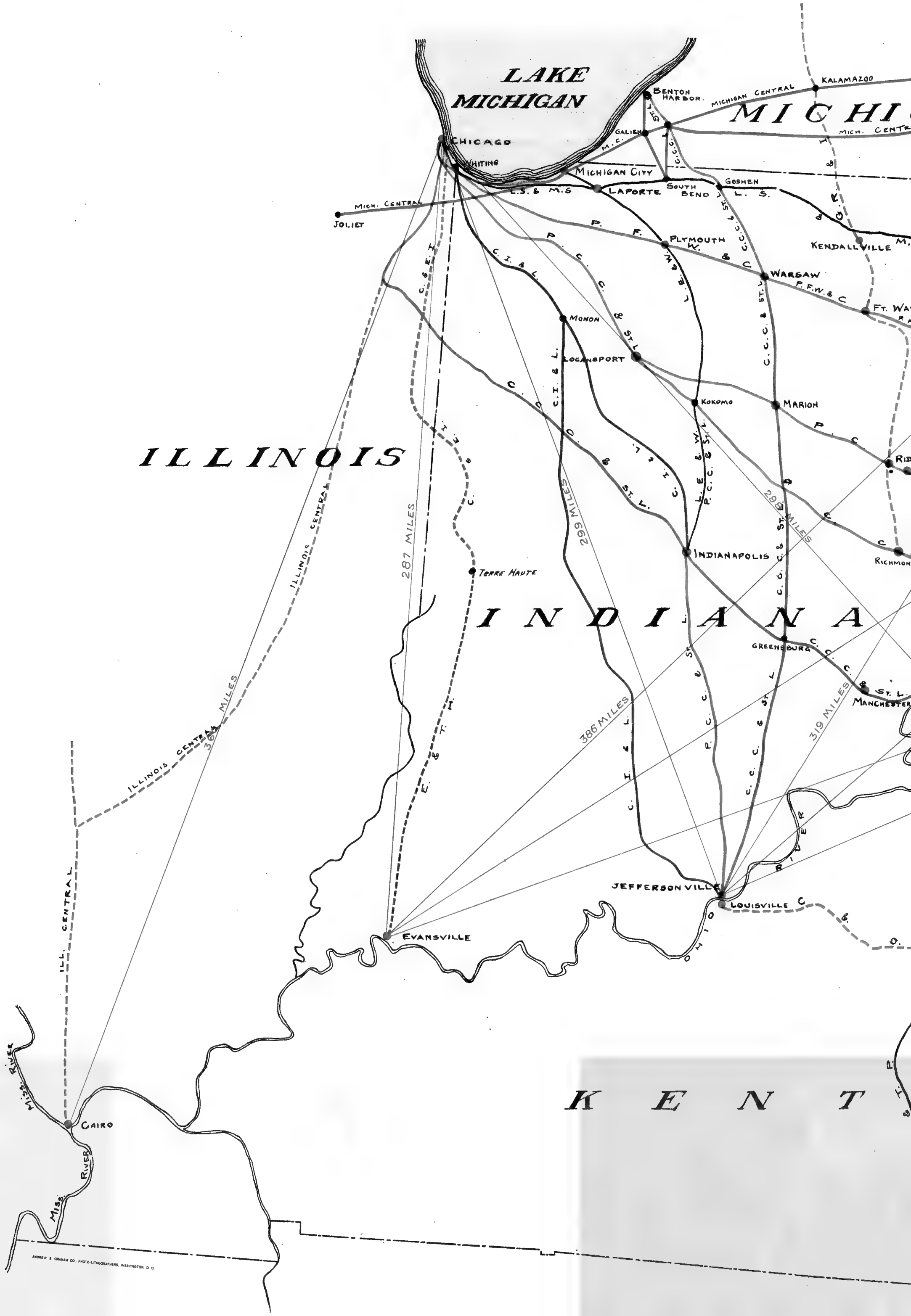
DEFENDANTS' EXHIBIT 133.

Rates from Whiting to various intervening points between Whiting and Cincinnati, via Toledo, Ohio.

To—	Distance.	Rate.		Difference bet. oil & 5th class.
		Oil.	5th class.	
Cincinnati	429	11c.	15c.	4c.
Dayton	370	11c.	14½c.	3½c.
Piqua	341	11c.	13c.	2c.
Lima	297	10c.	13c.	3c.
Leipsic	272	10c.	13c.	3c.
Deshler	263	10c.	13c.	3c.
Toledo	217	10c.	13c.	3c.
Bryan	173	9c.	12c.	3c.
Butler	156	8½c.	11c.	2½c.
Waterloo	148	8c.	10½c.	2½c.
Kendallville	135	8c.	10½c.	2½c.
Goshen	104	5c.	9c.	4c.
Elkhart	84	5c.	9c.	4c.
South Bend	69	5c.	9c.	4c.
La Porte	42	4½c.	7½c.	3c.

Authority.

L. S. & M. S. tariff, I. C. C. A–1616, July 5th, 1905, confirming through freight tariff No. 46, I. C. C. 81, also Pa. Co. tariff, I. C. C. B–522, January 1st, 1900 (in connection with Pa. Co. I. C. C. B–400, July 15, 1899) cancelled June 16th, 1900.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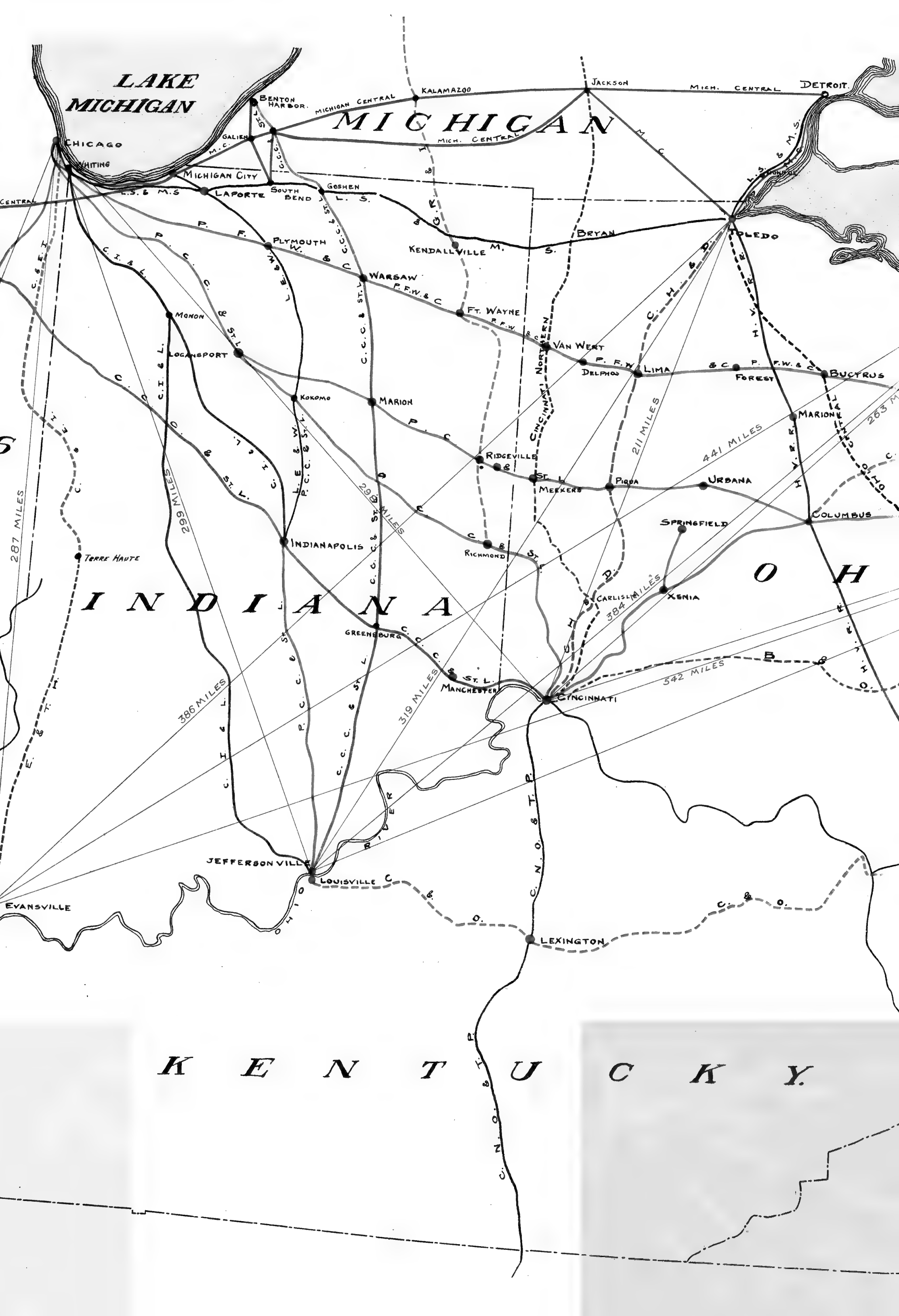
GOSHEN
KALAMAZOO
KENDALLVILLE
PLYMOUTH
WARSAW
MONON
LOGANSPORT
KOKOMO
MARION
INDIANAPOLIS
TERRE HAUTE
GREENSBURG
MANCHESTER
RICHMOND
JEFFERSONVILLE
LOUISVILLE
EVANSVILLE
CAIRO
JOLIET
MICHIGAN CENTRAL
ILLINOIS CENTRAL
ILL. CENTRAL
MISS. RIVER
OHIO RIVER
287 MILES
299 MILES
298 MILES
386 MILES
319 MILES
364 MILES
ANDREW S. GRAHAM CO., PHOTO-LITHOGRAPHERS, WASHINGTON, D. C.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BENTON HARBOR
GALIEN
KALAMAZOO
JACKSON
DETROIT
MICH. CENTRAL
MICHIGAN CENTRAL
TOLEDO
BRYAN
KENDALLVILLE
PLYMOUTH
WARSAW
FT. WAYNE
VAN WERT
DELPHOS
LIMA
FOREST
BUCYRUS
MARION
MONON
LOGANSPORT
KOKOMO
MARION
RIDGEVILLE
MEEKERS
PIQUA
URBANA
COLUMBUS
SPRINGFIELD
XENIA
CARLISLE
INDIANAPOLIS
RICHMOND
TERRE HAUTE
GREENSBURG
MANCHESTER
CINCINNATI
JEFFERSONVILLE
LOUISVILLE
EVANSVILLE
LEXINGTON
287 MILES
299 MILES
386 MILES
319 MILES
298 MILES
211 MILES
441 MILES
384 MILES
542 MILES
263 MILES

DEFENDANTS' EXHIBIT 134.

Map showing Central Freight Association territory and distances from Chicago to Cairo, Evansville, Louisville, and Cincinnati, and also distances to Cincinnati, Louisville, Cairo, and Evansville from Toledo, Cleveland, and Pittsburg, and showing the principal trunk lines in the territory.

DEFENDANTS' EXHIBIT 135.

Statement of rates, both oil and fifth class, in cents per cwt., over direct east and west trunk lines from Chicago (Whiting) to points in Central Freight Association territory, and how such rates were met over indirect routes by other east and west roads in connection with various north and south roads, thus showing the effect of the rate from Chicago (Whiting) to Ohio River crossings upon eastbound rates from Chicago (Whiting) into this territory.

Town.		Oil rate.	5th class rate.	Direct line from Chicago.	North and south road.	Connecting road.
Carlisle	Ohio	11c.	14½c. *h*	(*m*)	C. H. & D	Mich. Cent. via Detroit. *a* LS&MS " Toledo. *b*
Piqua	"	11c.	13 *h f*	Pan Handle *c*	"	Mich. Cent. via Detroit. *a* LS&MS " Toledo. *b*
Lima	"	10c.	13 *h l*	Pennsylvania *d*	"	Mich. Cent. via Detroit. *a* LS&MS " Toledo. *b*
Toledo	"	10c.	13 *k*	L. S. & M. S. *b*	"	Mich. Cent. via Detroit. *a*
Carlisle	"	11c.	14½ *g h*	(*m*)	Cinn. Nor	Mich. Cent. via Jackson. *a* LS&MS " Bryan. *b*
Meekers	"	11c.	13 *g f*	Pan Handle	"	Mich. Cent. via Jackson. *a* LS&MS " Bryan. *b*
Van Wert	"	9c.	12 *g l*	Pennsylvania *d*	"	Mich. Cent. via Jackson. *a* LS&MS " Bryan. *b*
Bryan	"	9c.	12 *k*	L. S. & M. S. *b*	"	Mich. Cent. via Jackson. *a*
Richmond	Ind	11c.	13 *f*	Pan Handle *c*	G. R. & I	Mich. Cent. via Waseppi, Mich. *a* LS&MS " Kendallville. *b*
Ridgeville		11c.	12 *i f*	" *c*	"	Mich. Cent. via Waseppi, Mich. *a* LS&MS " Kendallville. *b*
Fort Wayne	"	8c.	10½ *i l*	P. Ft. W. & C. *c*	"	Mich. Cent. via Waseppi, Mich. *a* L&S&MS " Kendallville. *b*
Kendallville	"	8c.	10 *i*	L. S. & M. S. *b*	"	Mich. Cent. via Waseppi, Mich. *a*
Goshen	"	5c.	9 *k*	" *b*	C. C. C. & St. L	Mich. Cent. via Niles. *a*
Indianapolis	"	8c.	11½ *j*	Pennsylvania *d*	L. E. & W	Mich. Cent. via Michigan City. *a* L&MS " La Porte. *b*
Plymouth	"	4½c.	9 *j l*	" *d*	"	Mich. Cent. via Michigan City. *a* LS&MS " La Porte. *b*
La Porte	"	4½c.	8 *k*	L. S. & M. S. *b*	"	Mich. Cent. via Michigan City. *a*

a Michigan Central, I C C 2233
b L S & M S . I. C C A-1616.
c Rate not more than 11c. under the long and short haul clause, because of the rate to Cincinnati See *d*.
d Pennsylvania Company, I. C C. B-522.
e Waseppi, Mich , the junction of the G. R. & I. & Mich. Cent. roads.
f P. C. C. & St. L., I. C. C. B-94, effective Sept. 5th, 1905, direct route.
g L. S & M. S. Ry., I. C. C. A-697, effective June 20th, 1898.
h L. S. & M. S. Ry . I. C C. A-1495, effective Oct. 25th, 1904.
i L. S. & M. S Ry., I. C. C. A-1497, effective Nov. 5th, 1904.
j L. S. & M. S. Ry., I. C. C. A-1316, effective June 12th, 1903.
k L. S. & M. S. Ry., I C. C A-45, effective Apl. 13th, 1896, direct route.
l Pennsylvania Company I. C. C. B-1057, effective Jan. 1st, 1905, direct route.
m No direct line but two north and south competing lines.

DEFENDANTS' EXHIBIT 136.

Table of rates from Rochester and various competitive points to Ohio River crossings.

[Cents per cwt.]

CINCINNATI.

	Miles.	5th class.	Rate per ton per mile.	Oil rate.	Rate per ton per mile.	Refineries.
Bradford	453	18 *a*	.79	14 *b*	.62	Independents only.
Wellsville	514	18 *a*	.70	14 *d*	.56	" "
Struthers	379	15½	.82	14 *e*	.74	" "
Titusville	338	15½ *f*	.91	14 *e*	.83	" "
Rochester	495	18 *a*	.72	16 *h*	.65	Standard Oil Company.
Pittsburg	313	15 *i*	.96	14 *j*	.89	Stan. Oil Co. and Independents.

LOUISVILLE.

	Miles.	5th class.	Rate per ton per mile.	Oil rate.	Rate per ton per mile.	Refineries.
Bradford	567	21 *a*	.74	19 *a*	.69	Independents only.
Wellsville	628	21 *a*	.67	.....	.....	" "
Struthers	483	18	.75	19 *e*	.80	" "
Titusville	452	18 *f*	.80	19 *e*	.84	" "
Rochester	609	21 *a*	.69	21 *h*	.69	Standard Oil Company.
Pittsburg	427	18 *i*	.84	19 *j*	.89	Stan. Oil Co. and Independents.

EVANSVILLE.

	Miles.	5th class.	Rate per ton per mile.	Oil rate.	Rate per ton per mile.	Refineries.
Bradford	673	23 *a*	.68	22½	.67	Independents only.
Wellsville	734	23 *a*	.63	.....	.....	" "
Struthers	599	20½	.70	22½ *e*	.75	" "
Titusville	558	20½ *g*	.74	22½ *e*	.90	" "
Rochester	702	23 *a*	.65	.....	.....	Standard Oil Company.
Pittsburg	542	20½ *i*	.76	22½ *j*	.83	Stan. Oil Co. and Independents.

Authorities.

a Erie R. R.,	ICC	3463
b " "	"	2105
c B. R. & P.	"	1052
d Erie R. R.,	"	3324
e Pa. R. R.,	"	S-529
f D. A. V. & P.	"	371
g "	"	366
h Erie R. R.,	"	2118
i Pan. Han. R. R.	"	M-169
j Penn. Co.	"	A-394

DEFENDANTS' EXHIBIT 137.

COMMITTEE ON UNIFORM BASIS OF RATES.

992-(895). Authorization of Chicago & Ohio River Committee's tariffs as the standard.

Authorization of Chicago & Ohio River Committee's tariffs as the standard.

It is the sense of this committee that the Chicago & Ohio River Committee's tariffs shall be considered as the standard on and west of the following described line:

Via the south and west bank of Lake Michigan to and including Benton Harbor, Mich., thence via the C. C. C. & St. L. Railway, including stations on that line, via Niles, Mich., and Goshen, Ind., to Anderson, Ind., thence via the P. C. C. & St. L. Railway and including stations on that line from Anderson, Ind., via New Castle, and Richmond, Ind., to Cincinnati, Ohio.

Adopted.

DEFENDANTS' EXHIBIT 138.

100 *Table of comparative rates from Chicago to Toledo and Detroit.*

CHICAGO TO TOLEDO.

	1st.	2nd.	3rd.	4th.	5th.	6th.
Class rates	37	32	23½	16	13	10

L. S. & M. S. tariff, I. C. C. A-45, effective April 13th, 1896.
Oil 12c. Michigan Cent. I. C. C. 2451, Jan. 22, 1906.
12 " " " 2456, " 29, 1906.
11½ " " " 2849, " 1, 1907.

Asphaltum	9	Michigan Central, I. C. C. 3129, Oct. 1, 1907.
Acid (Muriatic.) (Sulphuric.)	11½	
Flint	9	
Caustic soda	9	
Turpentine	11½	
Whiting	8½	
Clay	8	

CHICAGO TO DETROIT.

	1st.	2nd.	3rd.	4th.	5th.	6th.
Class rates	37	32	23½	16	13	10

L. S. & M. S. tariff, I. C. C. A-45, effective April 13th, 1896.
Oil 12½ Michigan Cent. I. C. C. 2451, Jan. 22, 1906.
12 " " " 2456, " 29, "
11½ " " " 2849, " 1, 1907.

Asphaltum	9	Michigan Central, I. C. C. 3129, Oct. 1, 1907.
Acid (Muriatic.) (Sulphuric.)	11½	
Flint	9	
Caustic soda	9	
Turpentine	11½	
Whiting	8½	
Clay	8	

DEFENDANTS' EXHIBIT 139.

Comparative statement of shipments in the year 1905 into the southern peninsula of Michigan from Whiting and from other eastern Standard refineries.

From—	No. of cars.	Per cent.
Lima	2,319	.....
Cleveland	7	.....
Franklin	514	.....
Buffalo	395	.....
Olean	216	.....
Baltimore	36	.....
Philadelphia and Gibsons Point	275	.....
Constable Hook	14	.....
Parkersburg	84	.....
Rochester	10	.....
Total	3,770	66.6%
Whiting	1,896	33.4%
Grand total	5,666	100%

DEFENDANTS' EXHIBIT 140.

Table of rates from Toledo, Ohio, and from Lima, Ohio, to the points in Michigan mentioned in the tables on page 157 of the petition.

To—	From Lima.	From Toledo.
Battle Creek	10½ c.	10½ c.
Detroit	8 c.	6½ c.
Grand Rapids	12 c.	12 c.
Muskegon	12 c.	12 c.
Saginaw	12 c.	12 c.

Authority.—C. H. & D. joint freight tariff 3840, I. C. C. 1284, and L. S. & M. S. joint freight tariff, I. C. C. A-959.

DEFENDANTS' EXHIBIT 141.

Sales of petroleum products by the Standard Oil Company into the State of Michigan in the years 1902, 1903, and 1904.

[Barrels, 50 gallons.]

Total in Michigan.	At Detroit.	Detroit percentage.
2,597,300	789,013	30.38

DEFENDANTS' EXHIBIT 142.

Table showing a comparison of rate and of rate per ton per mile from Whiting or Lima with those from Toledo or Cleveland to various points in Central Freight Association territory.

From Toledo, Ohio—				From Lima, Ohio—		
	Rate per cwt.	Mileage.	Rate per ton per mile.	Rate per cwt.	Mileage.	Rate per ton per mile.
Cincinnati.....Ohio..	10c.	211	0.95	10c.	132	1.44
Columbus.....Ohio..	8	122	1.31	8	86	1.86
Indianapolis.....Ind..	10	218	0.91	10	139	1.44
Louisville.....Ky..	14½	325	0.89	14½	246	1.18
Terre Haute.....Ind..	12	291	0.83	12	212	1.13
Vincennes.....Ind..	15	335	0.89	15	256	1.18
La Fayette.....Ind..	11	203	1.08	11	160	1.38
Bedford.....Ind..	13	295	0.88	13	216	1.20
Seymour.....Ind..	13	266	0.98	13	187	1.39
Columbus.....Ind..	13	249	1.04	13	170	1.53
Brazil.....Ind..	12	271	0.89	12	196	1.22
Shelbyville.....Ind..	13	225	1.15	13	146	1.77
Crawfordsville.....Ind..	12	231	1.04	12	167	1.44
New Albany.....Ind..	14½	329	0.88	14½	250	1.16
Jeffersonville.....Ind..	14½	327	0.88	14½	248	1.17
Effingham.....Ill..	17	359	0.95	17	280	1.21
Mt. Vernon.....Ill..	17	422	0.81	17	344	0.99
Pana.....Ill..	17	386	0.88	17	307	1.10
Springfield.....Ill..	17	362	0.94	17	319	1.07
Jacksonville.....Ill..	17	409	0.83	17	353	0.96
Danville.....Ill..	12	250	0.97	12	205	1.17
Paris.....Ill..	15	287	1.06	15	230	1.30
Decatur.....Ill..	15	336	0.89	15	280	1.07
Mattoon.....Ill..	15	326	0.90	15	267	1.13
				From Whiting, Ind.—		
Rochester.....Ind..	10	160	1.25	8	86	1.86
Logansport.....Ind..	11	166	1.33	8	91	1.76
La Fayette.....Ind..	11	203	1.08	8	106	1.51
St. Joseph.....Mich..	12	200	1.20	8	75	2.13
Hartford.....Mich..	12	175	1.37	9	92	1.95
Muncie.....Ind..	8½	164	1.03	10	167	1.20
Brownstown.....Ind..	13	308	0.84	11	236	0.93
From Cleveland, Ohio—						
Angola.....Ind..	10	205	0.97	9	161	1.12
Marion.....Ind..	12	264	0.91	8	138	1.16
Richmond.....Ind..	12	283	0.84	11	207	1.06

Authority.—C., H. & D. Ry.: Joint freight tariff No. 2808, I. C. C. 615, effective January 4th, 1900.
C., H. & D. Ry.: Joint freight tariff No. 3627, I. C. C. 615, effective October 14, 1903.
C., C., C. & St. L. Ry.: Tariff No. 1603, I. C. C. 1275, effective January 1, 1900.
L. S. & M. S. Ry.: Tariff A-1616, effective July 5, 1905, and A-267, effective September 23, 1896.
Penna. R. R.: I. C. C. B-4000, B-522 and B-1057.

DEFENDANTS' EXHIBIT 142 (CORRECTED).

Table showing a comparison of rate and of rate per ton per mile from Whiting or Lima with those from Toledo or Cleveland to various points in Central Freight Association territory.

	From Toledo, Ohio—			From Lima, Ohio—		
	Rate per cwt.	Mileage.	Rate per ton per mile.	Rate per cwt.	Mileage.	Rate per ton per mile.
Cincinnati.....Ohio..	10c.	211	0.95	10c.	132	1.44
Columbus.....Ohio..	8	122	1.31	8	86	1.86
Indianapolis.....Ind..	10	214	0.93	10	139	1.44
Louisville.....Ky..	14½	325	0.89	14½	246	1.18
Terre Haute.....Ind..	12	281	0.95	12	212	1.13
Vincennes.....Ind..	15	331	0.91	15	256	1.18
LaFayette.....Ind..	11	203	1.08	11	160	1.38
Bedford.....Ind..	13	295	0.88	13	216	1.20
Seymour.....Ind..	13	266	0.98	13	187	1.39
Columbus.....Ind..	13	249	1.04	13	170	1.53
Brazil.....Ind..	12	271	0.89	12	196	1.22
Shelbyville.....Ind..	13	225	1.15	13	146	1.77
Crawfordsville.....Ind..	12	228	1.05	12	167	1.44
New Albany.....Ind..	14½	329	0.88	14½	250	1.16
Jeffersonville.....Ind..	14½	327	0.88	14½	248	1.17
Effingham.....Ill..	17	355	0.96	17	280	1.21
Mt. Vernon.....Ill..	17	422	0.81	17	344	0.99
Pana.....Ill..	17	382	0.89	17	307	1.10
Springfield.....Ill..	17	362	0.94	17	319	1.07
Jacksonville.....Ill..	17	396	0.86	17	353	0.96
Danville.....Ill..	12	250	0.97	12	205	1.17
Paris.....Ill..	15	287	1.06	15	230	1.30
Decatur.....Ill..	15	323	0.93	15	280	1.07
Mattoon.....Ill..	15	321	0.93	15	267	1.13
				From Whiting, Ind.—		
Rochester.....Ind..	10	160	1.25	8	86	1.86
Logansport.....Ind..	11	166	1.33	8	91	1.76
LaFayette.....Ind..	11	203	1.08	8	106	1.51
St. Joseph.....Mich..	12	179	1.33	8	75	2.13
Hartford.....Mich..	12	175	1.37	9	92	1.95
Muncie.....Ind..	8½	160	1.06	10	167	1.20
Brownstown.....Ind..	13	277	0.90	11	236	0.93
From Cleveland, Ohio—						
Angola.....Ind..	10	205	0.97	9	161	1.12
Marion.....Ind..	12	240	1.00	8	138	1.16
Richmond.....Ind..	12	230	1.01	11	207	1.06

Authority.—C., H. & D. Ry.: Joint freight tariff No. 2808, I. C. C. 615, effective January 4th, 1900.
C., H. & D. Ry.: Joint freight tariff No. 3627, I. C. C. 1150, effective October 14, 1903.
C., C., C. & St. L. Ry.: Tariff No. 1603, I. C. C. 1275, effective January 1, 1900.
L. S. & M. S. Ry.: Tariff A-1616, effective July 5, 1905, and A-267, effective September 23, 1896.
Penna. R. R.: I. C. C. B-4000, B-522 and B-1057.

DEFENDANTS' EXHIBIT 143.

Table showing comparison of carload shipments in the year 1905, from Whiting and from eastern Standard refineries to the several places named in the tables on pages 158 to 161 of the petition.

OHIO.

To— / From—	Whiting.	Other refineries.
Cincinnati	357	947
Cleveland	132	1,163
Columbus		530
Dayton	24	450
Defiance		33
Ironton		55
Lima		40
Springfield		247
Toledo		428
Total	513	3,893

INDIANA.

To— / From—	Whiting.	Other refineries.
Attica	12	7
Brazil	34	8
Evansville	137	22
Fort Wayne	81	207
Huntington	18	50
Indianapolis	531	272
LaFayette	83	33
LaPorte	26	14
Logansport	61	80
Mount Vernon	7	6
Richmond	7	71
South Bend	190	80
Terre Haute	195	95
Vincennes	62	14
Total	1,444	959

ILLINOIS AND LOUISVILLE, KY.

To— / From—		Whiting.	Other refineries.
Altamont	Ill.		
Bloomington	"	109	60
Cairo	"	40	9
Champaign	"	1	
Chicago [a]	"		2,096
Danville	"	28	40
Decatur	"	99	10
E. St. Louis	"	1,520	574
Mattoon	"	35	32
Mt. Vernon	"	14	14
Peoria	"	143	80
Springfield	"	89	27
Louisville	Ky.	481	528
Total		2,559	4,500

[a] Chicago and points in the Chicago switching district, to which shipments were made, that take the same rates, viz:

Chicago Heights, Ill.
East Chicago, "
Englewood, "
Hammond, Ind.
Hegewisch, Ill.
Indiana Harbor, Ind.
Oak Park, Ill.
Rogers Park, "
South Chicago, "
Stoney Island, "
Whiting, Ind.

Table showing comparison of carload shipments in the year 1905, from Whiting and from eastern Standard refineries to the several places named in the tables on pages 158 to 161 of the petition—Continued.

MICHIGAN.

To— From—	Whiting.	Other refineries.
Alpena	2	45
Ann Arbor		32
Battle Creek	54	41
Cadillac	14	31
Detroit	122	1,102
Grand Rapids	285	162
Jackson	60	83
Kalamazoo	75	52
Lansing	53	96
Mackinaw		
Muskegon	38	41
Saginaw	106	98
Total	809	1,783

RÉSUMÉ.

To— From—	Whiting.	Other refineries.
Ohio	513	4,331
Indiana	1,329	1,074
Michigan	809	1,783
Illinois and Louisville, Ky	2,559	4,500
Total	5,210	11,688

Percentage.

From Whiting	30.8%
" other refineries	69.2%
	100%

If shipments to Chicago switching district are not included we have:

From Whiting	35.2%
" eastern refineries	64.8%
	100%

DEFENDANTS' EXHIBIT 144.

Table showing comparison of rates from Lima with other points shown in tables given on pages 158 to 161 of the petition.

From—	Ohio.											
	Cincinnati.				Cleveland.				Columbus.			
	Miles.	Rate per hundred pounds.	Difference in favor of Whiting.	Rate per ton per mile.	Miles.	Rate per hundred pounds.	Difference in favor of Whiting.	Rate per ton per mile.	Miles.	Rate per hundred pounds.	Difference in favor of Whiting.	Rate per ton per mile.
		Cts.	Cts.	Cts.		Cts.	Cts.	Cts.		Cts.	Cts.	Cts.
Pittsburg, Pa.	313	14	3	0.89	135	10	−4½	1.48	193	11	−3½	1.14
Cleveland, Ohio	244	10½	−½	.86	.....	.....	.....	.....	138	8	−6½	1.20
Toledo, Ohio	211	10	−1	.95	113	9	−5½	1.59	124	8	−6½	1.29
Whiting, Ind.	295	11	.....	.75	339	14½	.....	.86	302	14½	.....	.96
Lima, Ohio	132	10	.....	1.52	143	9	.....	1.26	86	8	.....	1.86
	Dayton.				Defiance.				Ironton.			
Pittsburg, Pa.	263	12½	½	0.95	299	14½	4½	0.97	315	14	−3½	0.89
Cleveland, Ohio	188	9	−3	.96	164	10	.....	1.22	265	13	−4½	.98
Toledo, Ohio	152	8	−4	1.05	51	7½	−2½	2.94	251	12½	−5	1.00
Whiting, Ind.	264	11	.....	.83	190	10	.....	1.05	421	17½	.....	.83
Lima, Ohio	73	7½	−½	2.05	42	7½	.....	3.57	226	12½	.....	1.11
	Lima.				Springfield.				Toledo.			
Pittsburg, Pa.	261	12½	2½	0.96	238	12½	½	1.05	248	12½	2½	1.01
Cleveland, Ohio	152	9	−1	1.18	164	9	−3	1.10	113	8	−2	1.42
Toledo, Ohio	79	5½	−4½	1.39	131	8	−4	1.22	.....	.....	.....	.....
Whiting, Ind.	208	10	.....	.96	271	12	.....	.89	233	10	.....	.86
Lima, Ohio	.....	.....	.....	.....	63	7½	−½	2.40	79	5½	.....	1.39

From—	Michigan.											
	Alpena.				Ann Arbor.				Battle Creek.			
	Miles.	Rate per hundred pounds.	Difference in favor of Whiting.	Rate per ton per mile.	Miles.	Rate per hundred pounds.	Difference in favor of Whiting.	Rate per ton per mile.	Miles.	Rate per hundred pounds.	Difference in favor of Whiting.	Rate per ton per mile.
		Cts.	Cts.	Cts.		Cts.	Cts.	Cts.		Cts.	Cts.	Cts.
Pittsburg, Pa.	522	25	8½	0.96	293	16½	7½	1.13	361	18½	10	1.02
Cleveland, Ohio	387	21	4½	1.09	158	12½	3½	1.58	226	13½	5	1.19
Toledo, Ohio	274	18½	2	1.35	45	6½	− 2½	2.89	113	10½	2	1.86
Whiting, Ind.	431	16½	.....	.77	247	9	.....	.73	163	8½	.....	1.04
Lima, Ohio	353	18½	.....	1.05	124	9	+ 2½	1.45	177	10½	.....	1.18
	Cadillac.				Detroit.				Grand Rapids.			
Pittsburg, Pa.	475	23½	10½	0.99	308	12½	2½	0.81	414	19½	10½	0.94
Cleveland, Ohio	340	18	5	1.06	173	9	− 1	1.04	279	14½	5½	1.04
Toledo, Ohio	227	14	1	1.23	60	6½	− 3½	2.17	166	12	3	1.45
Whiting, Ind.	276	13	.....	.94	272	10	.....	.74	178	9	.....	1.01
Lima, Ohio	306	14	.....	.91	139	8	+ 1½	1.15	202	12	.....	1.18
	Jackson.				Kalamazoo.				Lansing.			
Pittsburg, Pa.	319	16½	7½	1.03	384	18½	10	0.96	356	17½	8½	0.98
Cleveland, Ohio	184	12½	3½	1.36	249	13½	5	1.08	221	13½	4½	1.22
Toledo, Ohio	71	8	− 1	2.25	136	12	3½	1.76	108	10½	1½	1.94
Whiting, Ind.	197	9	.....	.91	141	8½	.....	1.21	226	9	.....	.80
Lima, Ohio	130	9	+ 1	1.38	153	12	.....	1.57	167	11	+ ½	1.31
	Mackinaw.				Muskegon.				Saginaw.			
Pittsburg, Pa.	578	25	8½	0.87	454	19½	10½	0.86	383	18½	8½	0.97
Cleveland, Ohio	443	21	4½	.95	319	14½	5½	.91	248	14½	4½	1.17
Toledo, Ohio	330	18½	2	1.12	206	12	3	1.17	135	12	2	1.78
Whiting, Ind.	404	16½	.....	.82	187	9	.....	.96	292	10	.....	.68
Lima, Ohio	409	18½	.....	.90	242	12	.....	.99	214	12	.....	1.12

DEFENDANTS' EXHIBIT 144—PAGE 3.

Table showing comparison of rates from Lima, etc.—Continued.

From—	Indiana.											
	Attica.				Brazil.				Evansville.			
	Miles.	Rate per hundred pounds.	Difference in favor of Whiting.	Rate per ton per mile.	Miles.	Rate per hundred pounds.	Difference in favor of Whiting.	Rate per ton per mile.	Miles.	Rate per hundred pounds.	Difference in favor of Whiting.	Rate per ton per mile.
		Cts.	Cts.	Cts.		Cts.	Cts.	Cts.		Cts.	Cts.	Cts.
Pittsburg, Pa	450	19½	14	0.87	431	19½	14	0.90	542	22½	14½	0.83
Cleveland, Ohio	317	14½	9	.91	340	14½	9	.85	451	17½	9½	.78
Toledo, Ohio	225	12	6½	1.07	271	12	6½	.89	382	15	6¾	.79
Whiting, Ind	120	5½	.....	.92	181	5½	.....	.61	287	8½	.....	.57
Lima, Ohio	186	12	.....	1.29	196	12	.....	1.22	307	15	.....	.97
	Fort Wayne.				Huntington.				Indianapolis.			
Pittsburg, Pa	320	14½	6½	0.91	336	16	8	0.95	374	15½	7½	0.83
Cleveland, Ohio	187	10	2	1.07	211	12	4	1.14	283	12	4	.85
Toledo, Ohio	95	7½	½	1.58	119	9	1	1.51	214	10	2	.93
Whiting, Ind	148	8	.....	1.08	142	8	.....	1.13	184	8	.....	.87
Lima, Ohio	60	7½	.....	2.50	75	9	.....	2.40	139	10	.....	1.44
	Lafayette.				Laporte.				Logansport.			
Pittsburg, Pa	421	19½	11½	0.93	413	19½	15	0.94	384	18½	10½	0.96
Cleveland, Ohio	296	14½	6½	.98	284	14½	10	1.02	259	13½	5½	1.04
Toledo, Ohio	204	11	3	1.08	185	12	7½	1.30	166	11	3	1.33
Whiting, Ind	131	8	.....	1.22	59	4½	.....	1.53	117	8	.....	1.37
Lima, Ohio	170	11	.....	1.29	153	12	.....	1.57	123	11	.....	1.79
	Mount Vernon.				Richmond.				South Bend.			
Pittsburg, Pa	559	22½	14¼	0.81	306	15½	4½	1.01	406	18½	13½	0.91
Cleveland, Ohio	468	17½	9¼	.75	229	12	1	1.05	271	13½	8½	1.00
Toledo, Ohio	400	15	6¾	.75	170	10	−1	1.18	158	12	7	1.52
Whiting, Ind	303	8¼	.....	.54	223	11	.....	.99	86	5	.....	1.16
Lima, Ohio	308	15	.....	.97	91	10	.....	2.20	147	12	.....	1.63

	Terre Haute.				Vincennes.			
Pittsburg, Pa	446	19½	14	0.87	491	19½	11¼	0.80
Cleveland, Ohio	355	14½	9	.82	400	15½	7¼	.78
Toledo, Ohio	281	12	6½	.85	331	15	6¾	.91
Whiting, Ind	178	5½	.....	.62	235	8½	.....	.70
Lima, Ohio	212	12	.....	1.13	256	15	.....	1.17

DEFENDANTS' EXHIBIT 144—PAGE 4.

Table showing comparison of rates from Lima, etc.—Continued.

From—	Illinois and Kentucky.											
	Altamont.				Bloomington.				Cairo.			
	Miles.	Rate per hundred pounds.	Difference in favor of Whiting.	Rate per ton per mile.	Miles.	Rate per hundred pounds.	Difference in favor of Whiting.	Rate per ton per mile.	Miles.	Rate per hundred pounds.	Difference in favor of Whiting.	Rate per ton per mile.
		Cts.	Cts.	Cts.		Cts.	Cts.	Cts.		Cts.	Cts.	Cts.
Pittsburg, Pa.	526	24½	14½	0.93	543	22½	15½	0.83	651	26	15	0.80
Cleveland, Ohio	435	19½	9½	.90	412	17½	10½	.85	560	21½	10½	.77
Toledo, Ohio	366	17	7	.93	320	15	8	.94	491	19	8	.77
Whiting, Ind	216	10	.....	.93	127	7	.....	1.10	365	11	.....	.60
Lima, Ohio	292	17	.....	1.16	247	15	.....	1.21	415	19	.....	.91
	Champaign.				Chicago.				Danville.			
Pittsburg, Pa.	492	22½	15½	0.91	468	19½	.....	0.83	460	19½	14	0.85
Cleveland, Ohio	380	17½	10½	.92	339	14½	.....	.86	342	14½	9	.85
Toledo, Ohio	288	15	8	1.04	233	12	.....	1.03	250	12	6½	.96
Whiting, Ind	128	7	.....	1.09	.....	.....	.....	.....	124	5½	.....	.89
Lima, Ohio	239	15	.....	1.26	207	12	.....	1.16	205	12	.....	1.17
	Decatur.				East St. Louis.				Mattoon.			
Pittsburg, Pa.	527	22½	15½	0.85	613	24½	18½	0.80	503	22½	15½	0.89
Cleveland, Ohio	416	17½	10½	.84	522	19½	13½	.75	412	17½	10½	.85
Toledo, Ohio	323	15	8	.93	433	17	11	.79	322	15	8	.93
Whiting, Ind	173	7	.....	.81	281	6	.....	.43	172	7	.....	.81
Lima, Ohio	280	15	.....	1.07	381	17	.....	.89	268	15	.....	1.12
	Mount Vernon.				Peoria.				Springfield.			
Pittsburg, Pa.	582	24½	14½	0.84	562	22½	16½	0.80	566	24½	15½	0.87
Cleveland, Ohio	491	19½	9½	.79	430	17½	11½	.81	454	19½	10½	.86
Toledo, Ohio	422	19½	9½	.92	338	15	9	.89	362	17	8	.94
Whiting, Ind	276	10	.....	.72	150	6	.....	.80	185	9	.....	.97
Lima, Ohio	344	17	.....	.99	295	15	.....	1.02	319	17	.....	1.06

	Louisville.			
Pittsburg, Pa	427	19	8	0.89
Cleveland, Ohio	358	15	4	.84
Toledo, Ohio	325	14½	3½	.89
Whiting, Ind	294	[a] 11	.....	.75
Lima, Ohio	246	14½	.....	1.18

[a] Rate to north bank of river, applicable to shipments destined beyond Louisville; to Louisville proper, 11½ cents.

[z] The rate of 19½ cents from Toledo to Mount Vernon, Ill., shown on page 161 of the petition, is not correct. The lowest available rate was 17 cents and is shown in Toledo, St. Louis & Western Railroad's tariff I. C. C. 206, effective February 3rd, 1903; this makes a rate per ton per mile of .83 instead of .92, as shown in the petition, and the difference in favor of Whiting 7 cents instead of 9½ cents.

DEFENDANTS' EXHIBIT 144 (CORRECTED).

Table showing comparison of rates from Lima with other points shown in tables given on pages 158 to 161 of the petition.

	Ohio.											
	Cincinnati.				Cleveland.				Columbus.			
	Miles.	Rate per hundred pounds.	Difference in favor of Whiting.	Rate per ton per mile.	Miles.	Rate per hundred pounds.	Difference in favor of Whiting.	Rate per ton per mile.	Miles.	Rate per hundred pounds.	Difference in favor of Whiting.	Rate per ton per mile.
		Cts.	Cts.	Cts.		Cts.	Cts.	Cts.		Cts.	Cts.	Cts.
Pittsburg, Pa.	313	14	3	0.89	135	10	−4½	1.48	193	11	−3½	1.14
Cleveland, Ohio	244	10½	−½	.86	.....	.....	.....	.....	138	8	−6½	1.20
Toledo, Ohio	211	10	−1	.95	113	9	−5½	1.59	124	8	−6½	1.29
Whiting, Ind	295	11	.....	.75	339	14½	.....	.86	302	14½	.....	.96
Lima, Ohio	132	10	.....	1.52	143	9	.....	1.26	86	8	.....	1.86
	Dayton.				Defiance.				Ironton.			
Pittsburg, Pa.	263	12½	½	0.95	299	14½	4½	0.97	315	14	−3½	0.89
Cleveland, Ohio	188	9	−3	.96	164	10	.....	1.22	265	13	−4½	.98
Toledo, Ohio	152	8	−4	1.05	51	7½	−2½	2.94	251	12½	−5	1.00
Whiting, Ind	264	11	.....	.83	190	10	.....	1.05	421	17½	.....	.83
Lima, Ohio	73	7½	−½	2.05	40	7½	.....	3.75	213	12½	.....	1.12
	Lima.				Springfield.				Toledo.			
Pittsburg, Pa.	261	12½	2½	0.96	238	12½	½	1.05	248	12½	2½	1.01
Cleveland, Ohio	152	9	−1	1.18	164	9	−3	1.10	113	8	−2	1.42
Toledo, Ohio	79	5½	−4½	1.39	131	8	−4	1.22	.....	.....	.....	.....
Whiting, Ind	208	10	.....	.96	271	12	.....	.89	233	10	.....	.86
Lima, Ohio	.....	.....	.....	.....	63	7½	−½	2.40	79	5½	.....	1.39

	Michigan.											
	Alpena.				Ann Arbor.				Battle Creek.			
	Miles.	Rate per hundred pounds.	Difference in favor of Whiting.	Rate per ton per mile.	Miles.	Rate per hundred pounds.	Difference in favor of Whiting.	Rate per ton per mile.	Miles.	Rate per hundred pounds.	Difference in favor of Whiting.	Rate per ton per mile.
		Cts.	Cts.	Cts.		Cts.	Cts.	Cts.		Cts.	Cts.	Cts.
Pittsburg, Pa.	522	25	8½	0.96	293	16½	7½	1.13	361	18½	10	1.02
Cleveland, Ohio	387	21	4½	1.09	158	12½	3½	1.58	226	13½	5	1.19
Toledo, Ohio	274	18½	2	1.35	45	6½	−2½	2.89	113	10½	2	1.86
Whiting, Ind.	431	16½	.....	.77	247	9	.....	.73	163	8½	.....	1.04
Lima, Ohio	353	18½	.....	1.05	124	9	+2½	1.45	159	10½	.....	1.32
	Cadillac.				Detroit.				Grand Rapids.			
Pittsburg, Pa.	475	23½	10½	0.99	308	12½	2½	0.81	414	19½	10½	0.94
Cleveland, Ohio	340	18	5	1.06	173	9	−1	1.04	279	14½	5½	1.04
Toledo, Ohio	227	14	1	1.23	60	6½	−3½	2.17	166	12	3	1.45
Whiting, Ind.	276	13	.....	.94	272	10	.....	.74	178	9	.....	1.01
Lima, Ohio	300	14	.....	.93	139	8	+1½	1.15	202	12	.....	1.18
	Jackson.				Kalamazoo.				Lansing.			
Pittsburg, Pa.	319	16½	7½	1.03	384	18½	10	0.96	356	17½	8½	0.98
Cleveland, Ohio	184	12½	3½	1.36	249	13½	5	1.08	221	13½	4½	1.22
Toledo, Ohio	71	8	−1	2.25	136	12	3½	1.76	108	10½	1½	1.94
Whiting, Ind.	197	9	.....	.91	141	8½	.....	1.21	226	9	.....	.80
Lima, Ohio	122	9	+1	1.47	153	12	.....	1.57	159	11	+½	1.38
	Mackinaw.				Muskegon.				Saginaw.			
Pittsburg, Pa.	578	25	8½	0.87	454	19½	10½	0.86	383	18½	8½	0.97
Cleveland, Ohio	443	21	4½	.95	319	14½	5½	.91	248	14½	4½	1.17
Toledo, Ohio	330	18½	2	1.12	206	12	3	1.17	135	12	2	1.78
Whiting, Ind.	404	16½	.....	.82	187	9	.....	.96	292	10	.....	.68
Lima, Ohio	409	18½	.....	.90	242	12	.....	.99	214	12	.....	1.12

DEFENDANTS' EXHIBIT 144 (CORRECTED)—PAGE 3.

Table showing comparison of rates from Lima, etc.—Continued.

	Indiana.											
	Attica.				Brazil.				Evansville.			
	Miles.	Rate per hundred pounds.	Difference in favor of Whiting.	Rate per ton per mile.	Miles.	Rate per hundred pounds.	Difference in favor of Whiting.	Rate per ton per mile.	Miles.	Rate per hundred pounds.	Difference in favor of Whiting.	Rate per ton per mile.
		Cts.	Cts.	Cts.		Cts.	Cts.	Cts.		Cts.	Cts.	Cts.
Pittsburg, Pa	450	19½	14	0.87	431	19½	14	0.90	542	22½	14¼	0.83
Cleveland, Ohio	317	14½	9	.91	340	14½	9	.85	451	17½	9¼	.78
Toledo, Ohio	225	12	6½	1.07	271	12	6½	.89	382	15	6¾	.79
Whiting, Ind	120	5½	.....	.92	181	5½	.....	.61	287	8½	.....	.57
Lima, Ohio	160	12	.....	1.50	196	12	.....	1.22	307	15	.....	.97
	Fort Wayne.				Huntington.				Indianapolis.			
Pittsburg, Pa	320	14½	6½	0.91	336	16	8	0.95	374	15½	7½	0.83
Cleveland, Ohio	187	10	2	1.07	211	12	4	1.14	283	12	4	.85
Toledo, Ohio	95	7½	½	1.58	119	9	1	1.51	214	10	2	.93
Whiting, Ind	148	8	.....	1.08	142	8	.....	1.13	184	8	.....	.87
Lima, Ohio	60	7½	.....	2.50	75	9	.....	2.40	139	10	.....	1.44
	Lafayette.				Laporte.				Logansport.			
Pittsburg, Pa	421	19½	11½	0.93	413	19½	15	0.94	384	18½	10½	0.96
Cleveland, Ohio	296	14½	6½	.98	284	14½	10	1.02	259	13½	5½	1.04
Toledo, Ohio	204	11	3	1.08	185	12	7½	1.30	166	11	3	1.33
Whiting, Ind	131	8	.....	1.22	59	4½	.....	1.53	117	8	.....	1.37
Lima, Ohio	160	11	.....	1.38	153	12	.....	1.57	123	11	.....	1.79
	Mount Vernon.				Richmond.				South Bend.			
Pittsburg, Pa	559	22½	14¼	0.81	306	15½	4½	1.01	406	18½	13½	0.91
Cleveland, Ohio	468	17½	9¼	.75	229	12	1	1.05	271	13½	8½	1.00
Toledo, Ohio	400	15	6¾	.75	170	10	−1	1.18	158	12	7	1.52
Whiting, Ind	303	8¼	.....	.54	223	11	.....	.99	86	5	.....	1.16
Lima, Ohio	327	15	.....	.92	91	10	.....	2.20	147	12	.....	1.63

Pittsburg, Pa.		446	19⅓	14	0.87	491	19⅓	11¼	0.80
Cleveland, Ohio		355	14½	9	.82	400	15½	7¼	.78
Toledo, Ohio		281	12	6½	.85	331	15	6¾	.91
Whiting, Ind		178	5½		.62	235	8¼		.70
Lima, Ohio		212	12		1.13	256	15		1.17

DEFENDANTS' EXHIBIT 144 (CORRECTED)—PAGE 4.

Table showing comparison of rates from Lima, etc.—Continued.

From—	Illinois and Kentucky.											
	Altamont.				Bloomington.				Cairo.			
	Miles.	Rate per hundred pounds.	Difference in favor of Whiting.	Rate per ton per mile.	Miles.	Rate per hundred pounds.	Difference in favor of Whiting.	Rate per ton per mile.	Miles.	Rate per hundred pounds.	Difference in favor of Whiting.	Rate per ton per mile.
		Cts.	Cts.	Cts.		Cts.	Cts.	Cts.		Cts.	Cts.	Cts.
Pittsburg, Pa	526	24⅓	14½	0.93	543	22½	15½	0.83	651	26	15	0.80
Cleveland, Ohio	435	19½	9½	.90	412	17½	10½	.85	560	21½	10½	.77
Toledo, Ohio	366	17	7	.93	320	15	8	.94	491	19	8	.77
Whiting, Ind	216	10	.....	.93	127	7	.....	1.10	365	11	.....	.60
Lima, Ohio	292	17	.....	1.16	269	15	.....	1.12	415	19	.....	.91
	Champaign.				Chicago.				Danville.			
Pittsburg, Pa	492	22½	15½	0.91	468	19½	.....	0.83	460	19½	14	0.85
Cleveland, Ohio	380	17½	10½	.92	339	14½	.....	.86	342	14½	9	.85
Toledo, Ohio	288	15	8	1.04	233	12	.....	1.03	250	12	6½	.96
Whiting, Ind	128	7	.....	1.09	.....	.....	.....	.....	124	5½	.....	.89
Lima, Ohio	239	15	.....	1.26	207	12	.....	1.16	205	12	.....	1.17
	Decatur.				East St. Louis.				Mattoon.			
Pittsburg, Pa	527	22½	15½	0.85	613	24⅓	18⅓	0.80	503	22½	15½	0.89
Cleveland, Ohio	416	17½	10½	.84	522	19½	13½	.75	412	17½	10½	.85
Toledo, Ohio	323	15	8	.93	433	17	11	.79	322	15	8	.93
Whiting, Ind	173	7	.....	.81	281	6	.....	.43	172	7	.....	.81
Lima, Ohio	280	15	.....	1.07	381	17	.....	.89	268	15	.....	1.12
	Mount Vernon.				Peoria.				Springfield.			
Pittsburg, Pa	582	24½	14½	0.84	562	22½	16½	0.80	566	24⅓	15½	0.87
Cleveland, Ohio	491	19½	9½	.79	430	17½	11½	.81	454	19½	10½	.86
Toledo, Ohio	422	19½	9½	.92	338	15	9	.89	362	17	8	.94
Whiting, Ind	276	10	.....	.72	150	6	.....	.80	185	9	.....	.97
Lima, Ohio	344	17	.....	.99	295	15	.....	1.02	319	17	.....	1.06

Pittsburg, Pa	427	19	8	0.89
Cleveland, Ohio	358	15	4	.84
Toledo, Ohio	325	14½	3½	.89
Whiting, Ind	294	[a] 11	.....	.75
Lima, Ohio	246	14½	.....	1.18

[a] Rate to north bank of river applicable to shipments destined beyond Louisville; to Louisville proper, 11½ cents.

[z] The rate of 19½ cents from Toledo to Mount Vernon is not correct. The lowest available rate was 17 cents, as shown in Toledo, St. Louis & Western Railroad's tariff I. C. C., 206, effective February 3rd, 1903; this makes a rate per ton per mile of .83 instead of .92, as shown in the table, and the difference in favor of Whiting 7 cents instead of 9½ cents.

DEFENDANTS' EXHIBIT 145.

Was withdrawn. (See p. 2360, vol. 15.)

DEFENDANTS' EXHIBIT 146.

List of corrections to petitioner's Exhibit 586.

From—	To—	Rate in petitioner's exhibit.	Correct rate.	Error in petitioner's exhibit.	Tariff authority for correct rate.
Toledo, Ohio	Greensboro, N. C.	48½	48	½	C. H. & D., I. C. C. 1156, 27c. to Richmond. So. Ry., I. C. C. 5618, 21c. to destination.
" "	Raleigh, N. C.	48½	48	½	C. H. & D., I. C. C. 1156, 27c. to Richmond. So. Ry., I. C. C. 5618, 21c. to destination.
" "	Wilmington, N. C.	45½	38	7½	C. H. & D., I. C. C. 1156, 27c. to Richmond. A. C. L., I. C. C. 3644, 11c. to destination.
" "	Charleston, S. C.	50½	45	5½	C. H. & D., I. C. C. 1156, 27c. to Richmond. So. Ry., I. C. C. 5618, 18c. to destination.
" "	Corinth, Miss.	46½	46	½	L. S. & M. S., I. C. C. A-1555, 19c. to Cairo. So. Frt. Assn., I. C. C., 236, 27c. to destination.
" "	Jackson, Miss.	53½	52	1½	C. H. & D., I. C. C. 1284, 15c. to Evansville. So. Ry., I. C. C. 9028, 37c. to destination.
" "	Meridian, Miss.	53½	52	1½	C. H. & D., I. C. C. 1284, 15c. to Evansville. So. Ry., I. C. C. 9028, 37c. to destination.
Cleveland, Ohio	Greensboro, N. C.	49	45	4	Pa. Co., I. C. C., G. F. O. 31, 24c. to Richmond. So. Ry., I. C. C. 5618, 21c. to destination.
" "	Raleigh, N. C.	49	45	4	Pa. Co., I. C. C., G. F. O. 31, 24c. to Richmond. So. Ry., I. C. C. 5618, 21c. to destination.
" "	Wilmington, N. C.	46	35	11	Pa. Co., I. C. C., G. F. O. 31, 24c. to Richmond. A. C. L., I. C. C. 3644, 11c. to destination.
" "	Charleston, S. C.	51	42	9	Pa. Co., I. C. C., G. F. O. 31, 24c. to Richmond. So. Ry., I. C. C. 5618, 18c. to destination.
Whiting, Ind.	Corinth, Miss.	43	38	5	Ill. Cent., I. C. C. A-3534.
" "	Pratt City, Ala.	44	41	3	I. C., I. C. C. A-839, 11c. to Cairo. So. Ry., I. C. C. 5605, 30c. to destination.
" "	Bessemer, Ala.	44	41	3	I. C., I. C. C. A-839, 11c. to Cairo. So. Ry., I. C. C. 5605, 30c. to destination.
" "	Birmingham, Ala.	44	41	3	I. C., I. C. C. A-839, 11c. to Cairo. So. Ry., I. C. C. 5605, 30c. to destination.
" "	Decatur, Ala.	41	38	3	Miss. Val., I. C. C. 59, 18c. to Memphis. So. Ry., I. C. C. 5605, 20c. to destination.
" "	Florence, Ala.	41	35	6	Miss. Val., I. C. C. 59, 18c. to Memphis. So. Ry., I. C. C. 5605, 17c. to destination.
" "	Huntsville, Ala.	41	38	3	Miss. Val., I. C. C. 59, 18c. to Memphis. Sou. Ry., I. C. C. 5605, 20c. to destination.
" "	Marion, Ala.	60	57	3	Miss. Val., I. C. C. 59, 23c. to Mobile. So. Ry., I. C. C. 9330, 34c. to destination.
" "	Selma, Ala.	44	43	1	Miss. Val., I. C. C. 59, 23c. to Mobile. L. & N., I. C. C. A-7201, 20c. to destination.
" "	Montgomery, Ala.	44	43	1	Miss. Val., I. C. C. 59, 23c. to Mobile. L. & N., I. C. C. A-7201, 20c. to destination.
" "	Grenada, Miss.	46	41	5	Ill. Cent., I. C. C. A-3534.

DEFENDANTS' EXHIBIT 146—SHEET 2.

List of corrections to petitioner's Exhibit 586—Continued.

From—	To—	Rate in petitioner's exhibit.	Correct rate.	Error in petitioner's exhibit.	Tariff authority for correct rate.
Whiting, Ind.	Columbia, S. C.	46	46½	½	The tariff referred to as "F" on page 2 of Ex. 586, makes a rate of 11c. to Jeffersonville. The other tariffs referred to make rate from Louisville only to destination. The bridge toll is omitted. This on tank car shipments of oil was ½ c. per cwt., Kentucky & Indiana Bridge & R. R. Co. tariff I. C. C. 15, effective April 1, 1903, and page 29 of tariff referred to as "F."
" "	Greenville, S. C.	56½	57	½	
" "	Knoxville, Tenn.	39½	40	½	
" "	Pelzer, S. C.	56½	57	½	
" "	Seneca, S. C.	56½	57	½	
" "	Union, S. C.	56½	57	½	
" "	Charlotte, N. C.	45	45½	½	
" "	Raleigh, N. C.	45	45½	½	
" "	Charleston, S. C.	47	47½	½	
" "	Coal Creek, Tenn.	42½	43	½	
" "	Harriman, Tenn.	38½	39	½	
" "	Laurens, S. C.	56½	57	½	
" "	Petros, Tenn.	41½	42	½	
" "	Spartanburg, S. C.	56½	57	½	
" "	Asheville, N. C.	53½	54	½	
" "	Greensboro, N. C.	45	45½	½	
" "	Wilmington, N. C.	42	42½	½	
Parkersburg, W. Va.	Greensboro, N. C.	46	45	1	B. & O., I. C. C., 3773, 24c. to Richmond. So. Ry., I. C. C., 5618, 21c. to destnatn.
" "	Raleigh, N. C.	46	45	1	B. & O., I. C. C., 3773, 24c. to Richmond. So. Ry., I. C. C., 5618, 21c. to destnatn.
" "	Wilmington, N. C.	43½	35	8½	B. & O., I. C. C., 3773, 24c. to Richmond. A. C. L., I. C. C., 3644, 11c. to destinatn.
" "	Charleston, S. C.	48½	42	6½	B. & O., I. C. C., 3773, 24c. to Richmond. So. Ry., I. C. C., 5618, 18c. to destnatn.
Marietta, Ohio	Greensboro, N. C.	46	45	1	B. & O., I. C. C., 3773, 24c. to Richmond. So. Ry., I. C. C., 5618, 21c. to destntn.
" "	Raleigh, N. C.	46	45	1	B. & O., I. C. C., 3773, 24c. to Richmond. So. Ry., I. C. C., 5618, 21c. to destntn.
" "	Wilmington, N. C.	43½	35	8½	B. & O., I. C. C., 3773, 24c. to Richmond. A. C. L., I. C. C., 3644, 11c. to destinatn.
" "	Charleston, S. C.	48½	42	6½	B. & O., I. C. C., 3773, 24c. to Richmond. So. Ry., I. C. C., 5618, 18c. to destntn.

NOTE.—The tariffs above mentioned, prior or subsequent issues, naming the same rates, were in effect in December, 1904.

DEFENDANTS' EXHIBIT 146 (SHEET 2 CORRECTED).

List of corrections to petitioner's Exhibit 586—Continued.

From—	To—	Rate on petitioner's exhibit.	Correct rate.	Error in petitioner's exhibit.	Tariff authority for correct rate.
Whiting, Ind.	Columbia, S. C.	46	46½	½	The tariff referred to as "F" on page 2 of Ex. 586, makes a rate of 11c. to Jeffersonville. The other tariffs referred to make rate from Louisville only to destination. The bridge toll is omitted. This on tank car shipments of oil was ½c. per cwt., Kentucky & Indiana Bridge & R. R. Co. tariff, I. C. C. 15, effective April 1, 1903, and page 29 of tariff referred to as "F."
" "	Greenville, S. C.	56½	57	½	
" "	Knoxville, Tenn.	39½	40	½	
" "	Pelzer, S. C.	56½	57	½	
" "	Seneca, S. C.	56½	57	½	
" "	Union, S. C.	56½	57	½	
" "	Charlotte, N. C.	45	45½	½	
" "	Raleigh, N. C.	45	45½	½	
" "	Charleston, S. C.	47	47½	½	
" "	Coal Creek, Tenn.	42½	43	½	
" "	Harriman, Tenn.	38½	39	½	
" "	Laurens, S. C.	56½	57	½	
" "	Petros, Tenn.	41½	42	½	
" "	Spartanburg, S. C.	56½	57	½	
" "	Asheville, N. C.	53½	54	½	
" "	Greensboro, N. C.	45	45½	½	
" "	Wilmington, N. C.	42	42½	½	
Parkersburg, W. Va.	Greensboro, N. C.	43	38½	4½	B. & O., I. C. C., 4537, 17½c. to Richmond. So. Ry., I. C. C., 5618, 21c. to destination.
" "	Raleigh, N. C.	43	38½	4½	B. & O., I. C. C., 4537, 17½c. to Richmond. So. Ry., I. C. C., 5618, 21c. to destination.
" "	Wilmington, N. C.	40	28½	11½	B. & O., I. C. C., 4537, 17½c. to Richmond. A. C. L., I. C. C., 3644, 11c. to destination.
Marietta, Ohio	Greensboro, N. C.	46½	45	1½	B. & O., I. C. C., 3773, 24c. to Richmond. So. Ry., I. C. C., 5618, 21c. to destination.
" "	Raleigh, N. C.	46½	45	1½	B. & O., I. C. C., 3773, 24c. to Richmond. So. Ry., I. C. C., 5618, 21c. to destination.
" "	Wilmington, N. C.	43½	35	8½	B. & O., I. C. C., 3773, 24c. to Richmond. A. C. L., I. C. C., 3644, 11c. to destination.
" "	Charleston, S. C.	48½	42	6½	B. & O., I. C. C., 3773, 24c. to Richmond. So. Ry., I. C. C., 5618, 18c. to destination.

DEFENDANTS' EXHIBIT 147.

Comparison of rates.

To—	From—	
	Parkersburg, W. Va.	Marietta, Ohio.
Buffalo, N. Y	14c. A	14c. B
Cairo, Ill	19½ A	19½ B
Chicago, Ill	17 A	17 B
Cincinnati, O	9 A	9 B
Cleveland, O	10½ A	10½ B
Detroit, Mich	12½ A	12½ B
Duluth, Minn	37 A	37 B
East St. Louis, Ill	19½ A	19½ B
Evansville, Ind	17½ A	17½ B
Findlay, O	12½ A	12½ B
Havanna, Ill	19½ A	19½ B
Indianapolis, Ind	12 A	12 B
Jeffersonville, Ind	12½ A	12½ B
Lima, Ohio	12½ A	12½ B
Louisville, Ky	12½ A	12½ B
Minneapolis, Minn	37 A	37 B
Peoria, Ill	17½ A	17½ B
Pittsburg, Pa	10 A	10 B
Terre Haute, Ind	14½ A	14½ B
Toledo, O	12½ A	12½ B
Youngstown, O	13 A	13 B
New York, N. Y	19 C	19 D
Philadelphia, Pa	17½ C	17½ D
Baltimore, Md	17½ C	17½ D
Richmond, Va	17½ C	24 B
Boston, Mass	30 C	25 D

A. B. & O., I. C. C. 3839, effective Nov. 21, 1902.
B. B. & O., I. C. C. 3773, " Oct. 6, 1902.
C. B. & O., I. C. C. 4537, " Feb. 1, 1904.
D.M.C.&C., I. C. C. A-35, " May 25, 1903.

DEFENDANTS' EXHIBIT 148.

Comparative rates on sixth class, and oil in carloads from Toledo, Ohio, to various points in Central Freight Association territory during the year 1906, in cents per hundred pounds.

To—		6th class, c. per cwt.	Oil, c. per cwt.	Miles.	6th class, rate per ton per mile.	Oil rate, per ton per mile.
					Cents.	*Cents.*
Ansonia	Ohio	8½ A	8 B	135	.013	.012
Adrian	"	6 A	5½ B	98	.012	.011
Alton	"	8½ A	8 B	143	.012	.011
Angola	Ind.	8 A	7½ B	92	.017	.016
Albany	"	9 A	8½ B	155	.012	.011
Auburn Jct	"	8 C	7½ B	85	.019	.018
Bellefontaine	Ohio	7½ E	7 D	98	.015	.014
Bowling Green	"	4½ F	4 D	21	.043	.04
Berne	Ind.	9 A	7½ B	140	.013	.011
Braceville	Ohio	9 A	8 B	158	.011	.01
Briant	Ind.	9 A	7½ B	149	.012	.01
Carey	Ohio	6 E	5½ D	49	.024	.022
Covington	"	8½ F	8 D	130	.013	.012
Catawba	"	8½ A	8 B	138	.012	.012
Columbus Grove	"	6½ F	5½ D	67	.019	.016
Dayton	"	8½ F	8 D	152	.011	.011
Decatur	Ind.	8 E	7½ D	106	.015	.013
Deshler	Ohio	5½ F	5 D	45	.024	.022
Dawn	"	8½ A	8 B	134	.013	.012
Dawson	"	8½ A	8 B	121	.014	.013
De Soto	Ind.	9 A	8½ B	157	.011	.011
Enon	Ohio	8½ E	8 D	142	.012	.011
Eaton	Ind.	9 A	8½ B	149	.012	.011
Edgerton	"	8 A	7½ B	86	.019	.017
Edon	Ohio	8 A	7½ B	67	.024	.022
Fort Wayne	Ind.	8 E	7½ D	95	.017	.016
Farmland	"	9 A	8½ B	172	.01	.01
Fort Recovery	Ohio	9 A	7½ B	127	.014	.012
Freedom	"	9 A	8 B	148	.012	.011
Galloways	"	8½ A	8 B	131	.013	.012
Garretsville	"	9 A	8 B	150	.012	.011
Geneva	Ind.	9 A	7½ B	153	.012	.01
Georgesville	Ohio	8½ A	8 B	135	.013	.012
Gilberts	"	8½ A	8 B	126	.013	.013
Grabill	Ind.	8 A	7½ B	111	.014	.014
Hartford City	Ind.	9 E	8½ D	141	.012	.012
Hamler	Ohio	6 A	5½ B	51	.023	.021
Hardin	"	8½ A	8 B	121	.014	.013
Haviland	"	8 A	7½ B	78	.021	.019
Hiram	"	9 A	8 B	148	.013	.011
Houston	"	8½ A	8 B	125	.014	.013
Irwin	"	8½ A	8 B	114	.015	.014
Jernera	"	6½ A	5½ B	68	.019	.016
Keystone	Ind.	9 A	8½ B	130	.014	.013
Kingsland	"	8½ A	7½ B	113	.015	.013
Leipsic	Ohio	6 F	5½ D	54	.022	.020
Lima	"	6½ F	5½ D	79	.016	.014
Latty	"	8 E	7½ D	74	.022	.020
Leavittsburg	"	9 A	8 B	162	.011	.010
London	"	8½ E	8 D	100	.017	.016
Ludlow Falls	"	8½ F	8 D	132	.013	.012
La Grange	"	10 A	9 B	94	.021	.019
Laurel	Ind.	10½ A	10 B	214	.010	.009
Mahoning	Ohio	9 A	8 B	154	.012	.010
Magley	Ind.	8½ A	7½ B	124	.014	.012
Maitland	Ohio	8½ A	8 B	107	.016	.015
Malinta	"	6½ A	5½ B	44	.03	.025
Mantua	"	9 A	8 B	143	.013	.011
Mark Centre	"	8 A	7½ B	65	.025	.023
Mechanicsburg	"	8½ A	8 B	131	.013	.012
Melrose	"	8 A	7½ B	65	.025	.023
Metamora	Ind.	10½ A	10 B	220	.01	.01
Monroe	"	9 A	7½ B	112	.016	.013
Montpelier	"	9 A	8½ B	133	.014	.013
Moorefield	Ohio	8½ A	8 B	141	.012	.011
Mt. Cory	"	6½ A	5½ B	57	.023	.019
Muncie	Ind.	9 A	8½ B	156	.012	.011
Meekers	Ohio	8½ E	8 D	138	.012	.012
Newark	"	8½ E	8 D	147	.012	.011
New Haven	Ind.	8 E	7½ D	89	.018	.017
Naomi	Ohio	6½ A	5½ B	37	.035	.03
Napoleon	"	6½ A	5½ B	37	.035	.03
New Carlisle	"	8½ A	8 B	134	.013	.012
New Era	Ind.	8 C	7½ B	66	.024	.023

Comparative rates on sixth class, and oil in carloads from Toledo, Ohio, to various points in Central Freight Association territory during the year 1906, in cents per hundred pounds—Continued.

To—		6th class, c. per cwt.	Oil, c. per cwt.	Miles.	6th class, rate per ton per mile.	Oil rate, per ton per mile.
					Cents.	*Cents.*
Newton Falls	Ohio	9 A	8 B	162	.011	.01
New Trenton	Ind	10½ A	10 B	239	.009	.008
New Weston	Ohio	8½ A	8 B	127	.013	.013
North Benton	"	9 A	8 B	175	.01	.01
Oakwood	"	8 A	7½ B	71	.023	.021
Ohio City	"	8 A	7½ B	90	.018	.017
Ossian	Ind	8½ A	7½ B	113	.015	.013
Ottawa	Ohio	6½ A	5½ B	60	.022	.018
Portland	Ind	9 E	7½ D	137	.013	.011
Palmyra	Ohio	9 A	8 B	168	.011	.01
Pandora	"	6½ A	5½ B	70	.019	.016
Parker City	Ind	9 A	8½ B	137	.013	.012
Paulding	Ohio	8 A	7½ B	70	.023	.021
Payne	"	8 A	7½ B	82	.022	.017
Phalanx	"	9 A	8 B	159	.011	.01
Plattsburg	"	8½ A	8 B	142	.012	.011
Poneto	Ind	9 A	8½ B	125	.014	.014
Preble	"	8½ A	7½ B	111	.015	.014
Rawson	Ohio	6½ A	5½ B	54	.024	.02
Red Key	Ind	9 A	8½ B	148	.012	.011
Ridgeville	"	9 A	8½ B	153	.012	.011
Rossville	"	8½ A	8 B	212	.008	.008
St. Henry	Ohio	8½ A	8 B	132	.013	.012
St. Joe	Ind	8 A	7½ B	84	.019	.018
Saratoga	"	9 A	8½ B	160	.011	.011
Scott, Van Wert Co.	"	8 A	7½ B	80	.02	.019
Selma	"	9 A	8½ B	180	.01	.009
Spencerville	Ohio	7½ F	5 D	83	.018	.012
Springfield	"	8½ E	8 D	130	.013	.012
Thackeray	"	8½ A	8 B	137	.012	.012
Thurman	Ind	8 A	7½ B	105	.015	.014
Tocsin	"	8½ A	7½ B	116	.015	.013
Townwood	Ohio	6½ A	5½ B	49	.027	.022
Tremont City	"	8½ A	8 B	122	.014	.013
Troy	"	8½ A	8 B	132	.013	.012
Union City	Ind	9 E	8 D	155	.012	.01
Urbana	Ohio	8½ E	8 D	115	.015	.014
Van Wert	"	8 E	7½ D	98	.016	.015
Versailles	"	8½ F	8 D	135	.013	.012
Vanlue	"	6 A	5½ B	55	.022	.02
Wayland	"	9 A	8 B	154	.012	.01
Winchester	Ind	9 E	8½ D	156	.012	.011
Woodington	Ohio	9 A	8 B	147	.012	.011
Worstville	"	8 A	7½ B	78	.021	.019
Wren	"	8 A	7½ B	98	.016	.015
Windham	"	9 A	8 B	153	.012	.01
Average rate		8¼	7½	.....	.016	.014

Analysis of the above.

Average rate on oil, in carloads, shows a reduction of 8½ % below 6th class rate, or 91½ % of 6th class, during the year 1906.

Average rate per ton per mile, in carloads, shows a reduction of 12½% below the average rate per ton per mile on 6th class during the year 1906.

Authority.

A. L. S. & M. S. Ry. tariff I. C. C. A-1681, March 3rd, 1906.
B. " " " A-1555, February 25th, 1905.
C. " " " A- 45, April 13th, 1896.
D. C., H. & D. Ry. " " 1284, August 23rd, 1904.
E. " " " 125, August 18th, 1896.
F. " " " 109, August 5th, 1896.

DEFENDANTS' EXHIBIT 149.

List of railroads with which the Chicago Terminal Transfer Railroad connects and the junction points.

Mayfair:
- Chicago & Northwestern Ry.
- Chicago, Milwaukee & St. Paul Ry.

Franklin Park:
- Wisconsin Central R. R.
- Chicago, Milwaukee & St. Paul Ry.

Melrose: Chicago & Northwestern Ry.
Bellewood: Chicago Great Western Ry.
Broadview: Illinois Central R. R. (Middle Division).
La Grange: Chicago, Burlington & Quincy R. R.
McCook: Atchison, Topeka & Santa Fe Ry.
Chappell: Chicago & Alton R. R.
Chicago Ridge: Wabash R. R.
Blue Island: Chicago, Rock Island & Pacific Ry.
Harvey:
- Illinois Central R. R.
- Grand Trunk Ry.

Riverdale:
- Illinois Central R. R.
- Pittsburg, Cincinnati, Chicago & St. Louis Ry.

Dolton:
- Chicago & Eastern Illinois Ry.
- Pittsburg, Cincinnati, Chicago & St. Louis Ry.

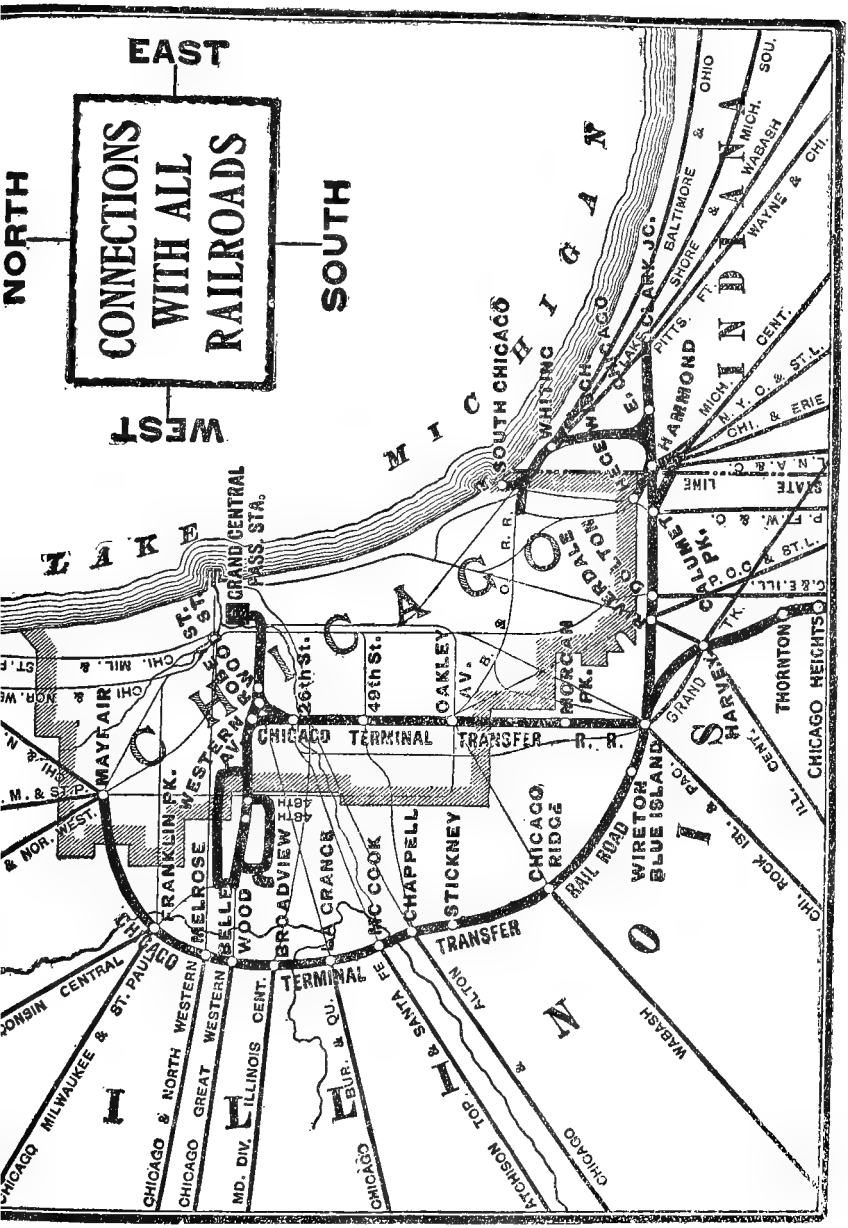
Calumet Park: Pittsburg, Ft. Wayne & Chicago Ry.
Hammond, Ind:
- Chicago, Indianapolis & Louisville Ry.
- Chicago & Erie R. R.
- New York, Chicago & St. Louis Ry.
- Michigan Central R. R.

Clark Junction:
- Pittsburg, Ft. Wayne & Chicago Ry.
- Wabash Railroad.

Whiting, Ind.:
- Baltimore & Ohio R. R.
- Lake Shore & Michigan Southern Ry.
- Pittsburg, Ft. Wayne & Chicago Ry.

South Chicago:
- Baltimore & Ohio R. R.
- Chicago, Indiana & Southern R. R.
- Chicago, Lake Shore & Eastern Ry.
- Chicago, Rock Island & Pacific Ry. (cut off).
- Elgin, Joliet & Eastern Ry.
- Illinois Central R. R.
- Lake Shore & Michigan Southern Ry.
- Pennsylvania Company.
- Pere Marquette.

DEFENDANTS' EXHIBIT 149 (Continued.)



DEFENDANTS' EXHIBIT 150.

C. & N. W. G. F. D. No. 63432.

CHICAGO & NORTH-WESTERN RAILWAY.

GENERAL FREIGHT DEPARTMENT.

TO AGENTS AND CONNECTING LINES:

Referring to the accompanying map showing the Chicago switching district and territory tributary thereto.

Hereafter carload freight to and from Chicago, via C. & N. W. R'y, will be switched to and from this district by the railroads named herein, as follows:

The switching charge made will be absorbed by this company, excepting on live stock from all points, also excepting freight originating at, or destined to, points on, and east and south of, the Elgin, Joliet & Eastern R'y, Waukegan to West Chicago, and excepting points between Evanston and Milwaukee.

You are therefore authorized to quote Chicago published tariff rates on all carload freight, with the foregoing exceptions, when destined to or coming from points on the roads mentioned herein, and shown on map attached, excepting when delivery is made via the Chicago & West Indiana Belt R'y, in which case an additional charge of $2.25 per car will apply to cover Belt Railway toll of loaded and empty car.

* B. & O. R. R.,
* C. & E. I. R. R.,
* C. I. & L. R'y,
* Erie R. R.,
* Grand Trunk Western R'y,
Ill. Cent. R. R. (Southern line only),
C. C. C. & St. L. R'y,
L. S. & M. S. R'y,
Mich. Cent. R. R.,
N. Y. C. & St. L. R'y,
P. C. C. & St. L. R'y,
P. Ft. W. & C. R'y,
* Wabash R. R.

Issued April 30, 1902. Effective May 5, 1902.

MARVIN HUGHITT, Jr.
Freight Traffic Manager,
C. & N. W. R'y, Chicago, Ill.

E. D. BRIGHAM,
General Freight Agent,
C. & N. W. R'y, Chicago, Ill.

* Belt Railway tenants.

DEFENDANTS' EXHIBIT 150—page 2.

List of points to which Chicago rates will apply as per foregoing circular.

* B. & O. R. R.

Belt R'y connection.

* C. & E. I. R. R.

Auburn Park (81st st.).
Oakdale.
Fernwood.
Rosedale.
Kensington.
Dolton.
Other points.
Belt R'y connections.

* C., I. & L. R'Y.

Belt R'y connection.

* G. TRUNK WEST'N R'Y.

Blue Island.
Harvey.
Other points.

Belt R'y connection.

ILLINOIS CENT. R. R.

Chicago.
Grand Crossing.
Kensington.
Riverdale.
Harvey.

Windsor Park.
South Chicago.
West Pullman.
Blue Island.

L. S. & M. S. R'Y.

Taylor street.
18th "
26th "
33d "
35th "
43d "
51st "
57th "
Englewood.
Park Manor.
Brookline.
Grand Crossing.
South Chicago.

MICH. CENT. R. R.

Kensington.
Hammond.

N. Y. C. & ST. L. R'Y.

Hegewisch.

P., F. W. & C. R'Y.

Chicago.
Englewood.
Park Manor.
Grand Crossing.
South Chicago.

100th street.
Whiting.
Hegewisch.
Hammond.

* WABASH R. R.

47th street.
Chandler.
Dewey.
Forest Hill.
Landeas.
Clarkdale.
Hegewisch.
Other points.
Belt R'y connection.

* ERIE R. R.

Hammond.
Hegewisch.
Pullman Jct.
Other points.
Belt R'y connection.

P., C., C. & ST. L. R'Y.
(Pan Handle.)

Chicago.
Washington Heights.
West Pullman.
Riverdale.

C., C., C. & ST. L. R'Y.
(Big Four.)

Uses Ill. Cent. R. R. terminals.

NOTE.—Chicago rates as per foregoing instructions will apply only to and from such industries at points named as may be reached directly by roads named; if any other line is used in effecting final delivery, charge made by such line will be in addition to Chicago rate.

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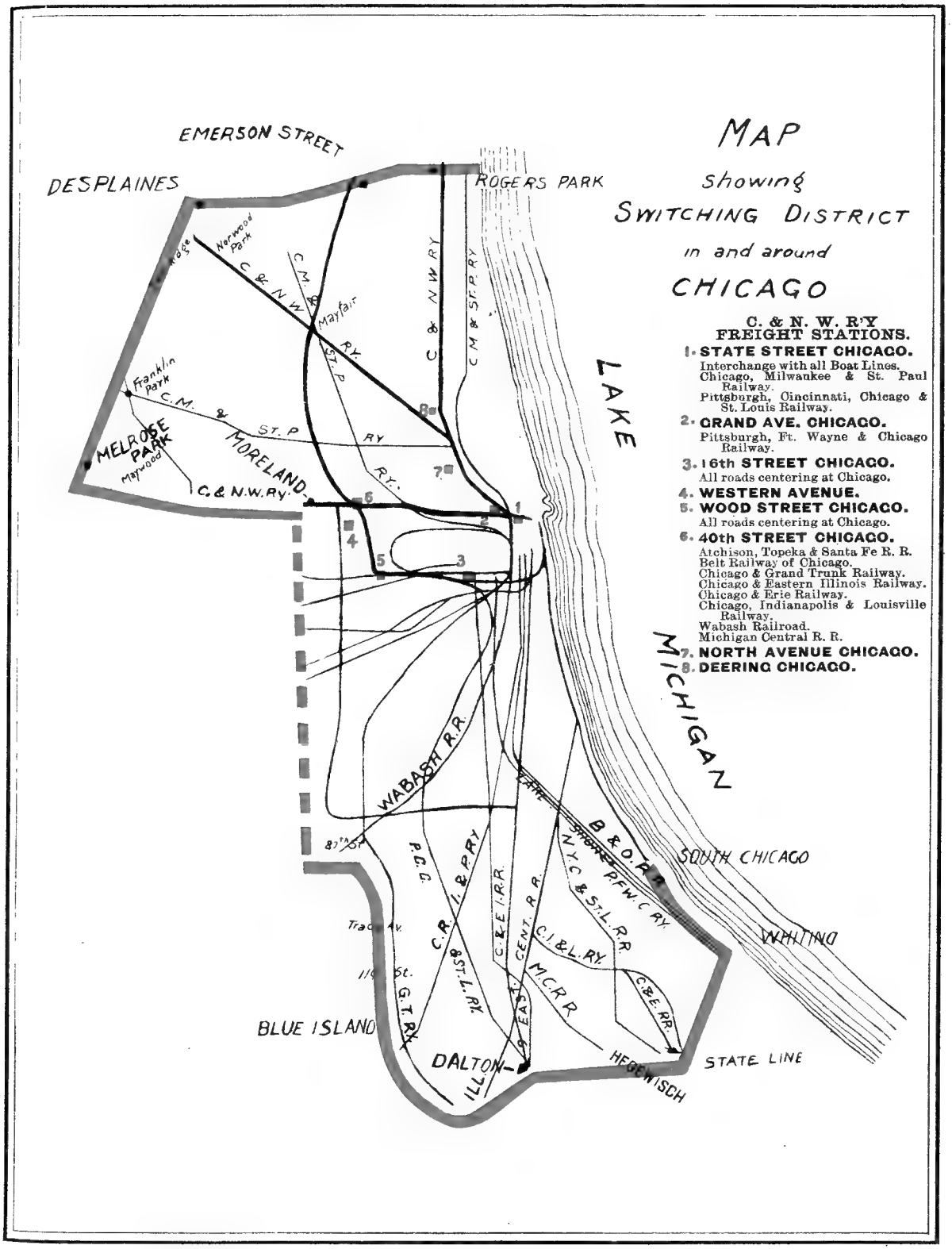
* Belt railway lines.



ANDREW B. GRAHAM CO., PHOTO-LITHOGRAPHERS, WASHINGTON, D. C.

DEFENDANTS' EXHIBIT 151.

G. F. O. No. 6236.
Cancels G. F. O. 6021.

CHICAGO, BURLINGTON & QUINCY RAILROAD CO.

GENERAL FREIGHT OFFICE.

Private. CHICAGO, *August 15, 1893.*

Instructions regarding absorption of switching charges at Chicago.

All previous instructions in any way authorizing the absorption of switching charges on traffic from or to industries in and around Chicago are hereby canceled.

Switching to the amounts hereinafter specified may be absorbed on carload shipments from or to the industries named below, when destined to or coming from COMPETITIVE POINTS ONLY, as provided for in note 1, page 5.

Name of firm.	Location.	Railroad.	Business.	Switching.
American Tube and Iron Co	54-56 So. Canal	C. M. & St. P. P. Ft. W. & C.	Iron tubes	$5.00
Ames & Frost Co	Cherry ave. and Blackhawk st	C. M. & St. P	Furniture, etc	5.00
Aultman, Miller & Co	26th and Clark sts	L. S. & M. S	Agl. implements	3.00
Aermotor Co	12th and Rockwell	C. & N. P. C. & N. W	Windmills	3.50 3.00
Barrett & Barrett	260 Kinzie st	C. & N. W	Cider	4.50
Belt Line Trans. & Storage Co	Auburn Park (80th st.)	Belt Ry	Storage	3.00
Block, Pollak Co	52d st., Englewood	Belt Ry	Scrap iron	4.00
Barrett, S. E., Mfg. Co	Division & Hooker sts	C. M. & St. P	Roofing paper	5.00
Brunswick-Balke Co	Kingsbury st	C. M. & St. P	Billiard table mfrs	5.00
Calumet Iron & Steel Co	South Chicago	Belt Ry	Iron	3.00
Central Warehouse	Rush and No. Water st	C. & N. W	Storage	4.50
Chicago & Aurora Smelting & Refining Co	Clark and 40th sts	U. S. Y. & T. Co	Refiners	3.00
Crane Co., The	Judd and Canal sts	P. Ft. W. & C	Iron tubes	3.00 in. 5.00 out.
" "	Union st. and Carroll ave	C. M. & St. P P. C. C. & St. L	Engines, elev. and machy	5.00
Coxe Bros. & Co	River and Locke st	C. & A	Coal	2.50
" "	Ann st. and Carroll ave	P. C. C. & St. L	"	5.00
Chappell Chemical Co	21st and Stewart ave	P. Ft. W. & C	Chemicals	5.00
Clark, Chas. E., & Co	Newberry ave	C. & N. W C. & N. P	Stove mfrs	3.50 3.50
Chicago Cold Storage Ex	Randolph and Lake sts	P. Ft. W. & C	Storage	5.00
Craver, Steel & Austin	Harvey, Ill	C. & G. T	Agl. implements	5.00
Cudahy Packing Co	North ave	C. M. & St. P	Packers	5.00

DEFENDANTS' EXHIBIT 151—PAGE 2.

Name of firm.	Location.	Railroad.	Business.	Switching.
Creamery Package Mfg. Co	3 and 5 W. Washington st	C. M. & St. P	Creamery supplies	$5.00
Chicago Sugar Refinery	Taylor and Beach sts	P. Ft. W. & C	Sugar refiners	In, [a] 3.00 Out, 5.00 Grain in, [a] 2.00
Chicago Retort and Fire Brick Works	Clark and 45th sts	C. R. I. & P	Fire brick	In, 2.00 Out, 4.00
Davidson & Son	Foot of North Market st	C. & N.-W	Marble	4.50
Deering, Wm., & Co	Deering, Ill	C. & N.-W C. M. & St. P	Agl. implements	4.50 5.00
Dickinson, A., & Co	Clark and 16th sts	L. S. & M. S	Seeds	2.00
Druecker, John	N. Canal, cor. Kinzie st	C. & N.-W C. M. & St. P	Lime and cement	4.50 5.00
Ellsworth Packing & Provision Co	53d st. and Clark st	L. S. & M. S. R. R	Provisions	In, 3.00 Out, 4.00
Fairbank, N. K., & Co	18th and Rockwell sts	A. T. & S. F	Soap	5.00
Fraser & Chalmers	12th and Rockwell sts	C. & N.-W P. C. C. & St. L	Mining machy	3.00 5.00
Featherstone, John, & Sons	354 No. Halstead	C. & N.-W	Machinery	4.50
Goss Printing Press Co	Ashland ave. and Rebecca st	C. & N.-W	Printing presses	3.50
Grasselli Chemical Co	East Chicago	C. & C. T	Acids	4.50
Hedstrom, E. L., & Co	South Chicago	Belt R'y	Coal	3.25
Hibbard, Spencer, Bartlett & Co	North pier	C. & N.-W	Hardware	4.50
Illinois Leather Co	400 N. Halstead st	C. M. & St. P	Plastering hair	5.00
Illinois Steel Co. (north works)	Waubansia and McHenry sts	C. M. & St. P C. & N.-W	Steel rails, etc	5.00 4.50
Illinois Steel Co. (south works)	South Chicago	Belt R'y	" "	4.50, loads out. 3.75, empties in.
Illinois Steel Co. (union works)	31st and Ashland ave	C. & A	" "	2.00
" " " " "	Union Stock Yards	U. S. Y. & T. Co	" "	4.50
Importers' Warehouse	North pier	C. & N.-W	Storage	4.50
Jones & Laughlins	Lake and Canal sts	P. C. C. & St. L P. Ft. W. & C C. M. & St. P	Iron	5.00
" "	" " " "	C. & N.-W	"	4.50
" "	Green and Kinzie sts	C. & N.-W P. C. C. & St. L		4.50 5.00
Kirk, Jas. S., & Co	North pier	C. & N.-W	Soap	4.50
Law, Robert	North pier	C. & N.-W	Coal	4.50
" "	Goose Island	C. M. & St. P	"	5.00

[a] See 1370.

DEFENDANTS' EXHIBIT 151—PAGE 3.

Name of firm.	Location.	Railroad.	Business.	Switching.
Morgan, D. S., & Co	Johnson and 16th sts	C. & N.-W	Agl. implements	$3.50
Morton, Joy, & Co	Illinois Central pier	Ill. Cent	Salt	2.00
McAvoy Brewing Co	24th and lake front	Ill. Cent	Brewery	3.00
N.-W. Ladder Co	30th and La Salle sts	C., R. I. & P	Ladders	2.00
Osborne, D. M., & Co	Morgan and 16th sts	C. & N.-W	Agl. implements	3.50
Parkhurst & Wilkinson	148 to 164 Kinzie st	C. & N -W	Wagon work	4.50
Pollock, August	South Chicago	Belt R'y	Scrap iron	3.00
Powerville Felt Roofing Co	Blue Island ave. and Rebecca st	C. & N. P	Roofing material	3.50
Produce Cold Storage Exchange	West Lake st	C., M. & St. P P., Ft. W. & C	Storage	5.00
Produce Cold Storage Exchange	" " "	C. & N.-W	"	4.50
Prussing Vinegar Co	Clark and 24th sts	C., R. I. & P	Vinegar	2.00
" " "	65 W. Division st	C. & N.-W	"	4.50
Pullman Palace Car Co	Pullman jct	Belt R'y	Car builders	3.00
Rice, Bullen Malting Co	Cragin, Ill	C., M. & St. P Belt R'y	Malt Grain	5.00 3.50
Sibley's Warehouse	North Clark st	C. & N.-W	Storage	4.50
Star and Crescent Mills	Randolph near Canal	P., Ft. W. & C	Millers	5.00 2.00, grain.
" " "	" " "	C. & N.-W	"	4.50
Standard Oil Co	Whiting, Ind	C. & C. T	Oil	a 4.50
" " "	South Chicago	Belt R'y	"	3.50
Standard Warehouse	North Water st	C. & N.-W	Storage	4.50
Staver & Abbott Mfg. Co	Auburn Park	Belt R'y C., R. I. & P	Buggies	3.00
Shufeldt, H. H., & Co	23 Larrabee st	C., M. & St. P	Distillers	5.00
Swift Bros	Canal and Harrison sts	P., Ft. W. & C	Meat Market	5.00
Standard Salt & Cement Co	18th and Canal sts	C. & A	Storage	2.00
Seipp, Conrad, Brewing Co	27th and lake front	Ill. Cent	Brewery	3.00
Tudor Buggy Co	26th st. and Stewart ave	P., Ft. W. & C	Buggies	5.00
Union Stock Yards firms	Union Stock Yards	U. S. Y. & T. Co. C. & I. S. L. R'y	Various	See page 4.
United Glass Co	83d st	C. & E. I	Glass	4.50
Vehmeyer & Co	65th st., Englewood	Belt R'y	Storage	4.00
Vermont Marble Co	North pier	C. & N.-W	Marble	4.50

a Switching to and from Whiting, Ind., amounting to $4.50 per car, may be absorbed on all business shipped by or for account of Standard Oil Co., to or from all points on or reached by the C., B. & Q. R. R. west of Chicago, local or competitive; except on tin cans, empty, loaded in Union Tank Line rack cars destined to East St. Louis or St. Louis.

DEFENDANTS' EXHIBIT 151—PAGE 4.

Name of firm.	Location.	Railroad.	Business.	Switching.
Wyman, Watson H	37th st. and Stewart ave	C. & W. I. R. R	Roofing material	$4.00
Williams, Nelson B	Newberry ave. and Wright st	C. & N. P	Warehouse	3.50
Weber Wagon Co	Auburn Park (81st st.)	Belt R'y	Wagons	3.00
Wood, W. A., Reaper and Mower Co	Taylor and Clark sts	L. S. & M. S	Agl. implements	2.00
Washburn & Moen Mfg. Co	Cragin, Ill	Belt R'y C. M. & St. P	Barb wire	3.00 5.00
Western Warehousing Co	North Water, near Wells st	C. & N.-W	Storage	4.50
Willard Sons & Bell Co	South Chicago	Belt R'y	Car axles	3.00
All industries located on the Union Stock Yards & Transit Co.'s tracks.[a] [b]	Union Stock Yards	U. S. Y. & T. Co	Various	3.00
All industries located on the Chicago & Indiana State Line Railway.[c]	Union Stock Yards	C. & I. S. L. R'y	Various	3.50
All lumber firms located on the tracks of other roads within the switching limits of Chicago.[b]	Various	Various	Lumber	Actual switching, but not to exceed $5.00 per car.

[a] See Note 2, page 5.
[b] See 5656.
[c] *Exception.*—No switching will be absorbed in Chicago on southern lumber delivered to us at East St. Louis, Peoria, or other Illinois junction points.

DEFENDANTS' EXHIBIT 151—PAGE 5.

SPECIAL INSTRUCTIONS.

NOTE 1.—Switching charges as provided for herein may be absorbed on shipments to or from the following points:

Abingdon	Ill.	Coppack	Iowa.	Humeston	Iowa.	Nebraska City	Neb.
Afton	Iowa.	Council Bluffs	"	Indianola	"	Northboro	Iowa.
Albia	"	Coin	"	Kansas City	Mo.	Omaha	Neb.
Atchison	Kan.	Dallas	Ill.	Keithsburg	Ill.	Onalaska	Wis.
Beardstown	Ill.	Darlington	Mo.	Keokuk	Iowa.	Osceola	Iowa.
Bloomfield	Iowa.	Davenport	Iowa.	Knoxville	"	Oskaloosa	"
Brighton	Ill.	Des Moines	"	La Crosse	Wis.	Ottumwa	"
Brighton	Iowa.	Dubuque	"	Leavenworth	Kan.	Prairie du Chien	Wis.
Bucklin	Mo.	East Dubuque	Ill.	Leon	Iowa.	Quincy	Ill.
Burlington	Iowa.	East St. Louis[a]	"	Louisiana	Mo.	Rock Island	"
Burlington Jct	Mo.	Fairfield	Iowa.	Macon	"	St. Louis[a]	Mo.
Bushnell	Ill.	Farmington	"	Malvern	Iowa.	St. Joseph	"
Cameron	Mo.	Fremont	"	Martinsburg	"	St. Paul	Minn.
Camp Point	Ill.	Ft. Madison	"	Maryville	Mo.	Savanna	Ill.
Canton	"	Fulton	Ill.	Milan	"	Sedan	Iowa.
Carrollton	Mo.	Galena	"	Minneapolis	Minn.	Shenandoah	"
Carson City	Iowa.	Galesburg	"	Minnesota Transfer	"	Wann	Ill.
Carthage	Ill.	Greenfield	"	Moline	Ill.	Washington	Iowa.
Chapin	"	Griswold	Iowa.	Monmouth	"	West Grove	"
Chillicothe	Mo.	Hannibal	Mo.	Monroe	Mo.	Whitehall	"
Clarinda	Iowa.	Hedrick	Iowa.	Moulton	Iowa.	Winona	Minn.
Clinton	"						

[a] Switching to or from industries on C. & N.-W., C. M. & St. P., Wis. Cent., or C. & N. P. must not be absorbed on shipments destined to or coming from East St. Louis or St. Louis, or beyond those points.

ALSO TO AND FROM THE FOLLOWING TERRITORY:

All points beyond St. Paul, Minneapolis, or Minnesota Transfer.

All points west of the Missouri River to which we have through rates, including the Pacific coast.

All points on the B. & M. River R. R.

All points on or via M., K. & T. in Missouri, Kansas, Indian Territory, or Texas.

All points south or west of East St. Louis or St. Louis on or reached via the Missouri Pacific, St. L., I. M. & S., St. L. & S. F., or Cotton Belt Line, except on shipments coming from or destined to industries located on the C. & N. W., C., M. & St. P., Wis. Cent. Co., or Nor. Pac. R. R.

NOTE 2.[a]—The trackage and switching charges paid by this company in reaching industries on the tracks of the U. S. Y. & T. Co. amount to $3.00 per car, and on the C. & I. S. L. R'y, $3.50 per car. These charges will be added to the regular freight rates on traffic coming from or destined to points not provided for above, except that live stock, fresh meats, and packing-house products will be received from or delivered to industries on the tracks of either of these companies free of switching or trackage charges.

NOTE 3.—The instructions contained herein will not modify the rules prescribed in G. F. O. 5242 for the handling of grain in Chicago.

NOTE 4.—Switching charges absorbed under these rules will be paid to connecting lines by Chicago station the same as any other advance charges, and at the end of each month Chicago station will make claim for relief, giving complete reference to billing, etc. In no case must the amount of switching be deducted from the local or line charges.

NOTE 5.—Amendments or additions to these instructions will be issued from time to time when it is found necessary to do so. In case, however, we desire to absorb switching on a single shipment not provided for by these instructions, a special notice will be issued to cover it, which will expire when the shipment is made. The freight auditor will hereafter not accept authority for the absorption of switching charges at Chicago, unless covered by this issue or subsequent amendments, or by a special notice above referred to.

THOS. MILLER,
General Freight Agent.

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[a] Written across Note 2 are the following words: "Cancelled by 5325, page 13."

DEFENDANTS' EXHIBIT 151—PAGE 6.

Miscellaneous switching to be absorbed as provided below.

Firms.	Location.	Railroad.	Kind of freight.	To or from.	Amount.
All firms	Lumber district of	C. & A. R. R. Ill. Cent. R. R. U. S. Y. & T. Co.	Lumber	All competitive points on C. B. & Q. R. R. in Illinois not named on page 5.	Actual switching not to exceed
Swift & Co.	Union Stock Yards	U. S. Y. & T. Co.	Empty bbls.	Sterling, Ill.	$3.50
Marblehead Lime Co.	Kingsbury St.	C. M. & St. P.	Lime and cement	From Quincy, Hannibal, Louisiana, and Lime Kiln, south of Quincy.	5.00

DEFENDANTS' EXHIBIT 152.

I. C. C. No. 1499 cancels I. C. C.*

"Santa Fe System" Tariff No. 5852–A cancels No. 5852.

THE ATCHISON, TOPEKA & SANTA FE RAILWAY
In connection with

BELT RY. OF CHICAGO.
CHICAGO & EASTERN ILLINOIS R. R.
CHICAGO JUNCTION RY.
CHICAGO, ROCK ISLAND & PACIFIC RY.
CHICAGO TERMINAL TRANSFER R. R.
ELGIN, JOLIET & EASTERN RY.
MICHIGAN CENTRAL R. R.

Applying on

CLASSES AND COMMODITIES

Received
Apr 20 1903
Ans.....
H. E. FELTON.

(Except Coal, Coke, Salt, Grain, Grain Products, Live Stock, Hay, Ice, Lime, Cement, Plaster, Stucco, Stone, Lumber, and articles taking Lumber rates or arbitraries higher).

Issued January 18, 1902. Effective January 25, 1902.

Between—	Via route No.	And—	Carloads, rates to apply.				
Auburn Park.....Ill..	1-2-4	Stations on or reached via A. T. & S. F. Ry. and connections.	Current tariff rates in effect from and to CHICAGO, subject to the following rates as minima, viz:				
Blue Island..... "	4-5-7						
Burr Oak..... "	1-2						
Chicago Heights..... "	2-5-8						
East Chicago.....Ind..	5						
Englewood.....Ill..	1-2-4						
Frankfort..... "	8						
Grand Crossing..... "	7						
Hammond.....Ind..	3-5						
Harvey.....Ill..	5-7		Classes.				
Hegewisch..... "	5						
Kensington..... "	7		1	2	3	4	5
Matteson..... "	8		35	25	18	14	13
Riverdale..... "	5-7		6 or A	7 or B	8 or C	9 or D	10 or E
South Chicago..... "	5-6-7-8		12	10	8.65	6.91	6.22
Spencer..... "	8						
Steele..... "	8						
Steger..... "	2						
Washington Heights... "	4		Commodities taking less than class rates: Carloads, 6 cents; less carloads, 12½ cents.				
West Harvey..... "	5						
West Pullman..... "	5-7						
Whiting.....Ind..	5						

Routing instructions.

No. 1. Via Chicago, Ill., and Belt Ry.
" 2. " " C. & E. I. R. R.
" 3. " " C. Junct. Ry.
" 4. " " C. R. I. & P. Ry.
No. 5. On carloads, via Corwith or McCook, Ill., and on less carloads, via Chicago, Ill., and C. T. T. R. R.
" 6. Via Joliet, Ill., and E. J. & E. Ry.
" 7. Via Chicago, Ill., and Ill. Cent. R. R.
" 8. Via Joliet, Ill., and M. C. R. R.

Hall—1-02—1000—10134

"System" No. 5852-A—Classes and Commodities between points on A. T. & S. F. and Connections and Chicago Suburban points.

*I. C. C. No. torn off.

DEFENDANTS' EXHIBIT—PAGE 2.

2 No. 5852-A.

EXCEPTIONS.

Chicago Terminal Transfer R. R.

Rates to and from following stations, viz., [a] Blue Island, East Chicago, Hammond, Hegewisch, Riverdale, and South Chicago, will only apply on carload shipments.

MINIMUM CHARGE.

Small shipments consisting of one or more packages of the same or different classes will be charged for at actual weight at the rate for the class to which the freight belongs, subject to a minimum charge of 25 cents for the entire consignment, unless a higher minimum charge is provided for to or from Chicago, in which case the latter will govern.

Issued by

J. E. GORMAN, *G. F. A., A. T. & S. F. Ry. Topeka, Kan.*

J. W. TEDFORD, *A. G. F. A., A. T. & S. F. Ry., Chicago, Ill.*

F. C. MAEGLY, *A. G. F. A., A. T. & S. F. Ry., Topeka, Kan.*

[a] Will also apply on L. C. L. shipments WESTBOUND.

DEFENDANTS' EXHIBIT 153.

I. C. C. No. 2194, cancels I. C. C. No. 2093.

"Santa Fe System" Tariff No. 5852-C.
(Cancels No. 5852-B.)

THE ATCHISON, TOPEKA & SANTA FE RAILWAY

In connection with

BALTIMORE & OHIO R. R.
BELT RY. OF CHICAGO.
CHICAGO & EASTERN ILLINOIS R. R.
CHICAGO JUNCTION RY.
CHICAGO, ROCK ISLAND & PACIFIC RY.
CHICAGO TERMINAL TRANSFER R. R.
ILLINOIS CENTRAL R. R.
LAKE SHORE & MICHIGAN SOUTHERN RY.
MICHIGAN CENTRAL R. R.
PENNSYLVANIA CO.

RECEIVED
Jan. 2, 1904
Ans
H. E. FELTON

Applying on

CLASSES AND COMMODITIES

(Except Coal, Coke, Salt, Grain, Grain Products, Live Stock, Hay, Ice, Lime, Cement, Plaster, Stucco, Stone, Lumber and articles taking Lumber rates or arbitraries higher.)

Issued August 4, 1903. Effective August 10, 1903.

Issued by

J. E. GORMAN,
C. F. A., A. T. & S. F. Ry.,
Topeka, Kan.

F. H. MANTER,
A. G. F. A., A. T. & S. F. Ry.,
Chicago, Ill.

C. W. COOK,
A. G. F. A., A. T. & S. F. Ry.,
Topeka, Kan.

Hall—7-03—1000—26943.

"System" No. 5852-C.—Classes and Commodities betwoen points on A. T. & S. F. and connections and Chicago suburban points.

DEFENDANTS' EXHIBIT 153—PAGE 2.

26943 2 No. 5852-C.

Between—	Via Route No.	And—	Rates to apply.
Auburn Park.....Ill. Blue Island..... " Burr Oak..... " Chicago Heights..... " East Chicago .....Ind. Englewood .....Ill. Frankfort..... " Grand Crossing..... " Hammond.....Ind. Harvey.....Ill. Hegewisch..... " Indiana Harbor.....Ind. Kensington.....Ill. Matteson..... " Riverdale..... " South Chicago..... " Spencer..... " Steele..... " Steger..... " Washington Heights ..... " West Harvey..... " West Pullman..... " Whiting.....Ind.	2-3-5 5-6-9 2-3 3-6-11 6-11 2-3-5 11 9 4-7-11 6-9 2-7 1-10-12 2-9 11 6-9 2-6-8-9 11 11 3 5 6 6-9 6	Stations on or reached via A. T. & S. F. Ry. and connections (except as follows: Pacific Coast, Texas and Mexico pts; also local points on "Santa Fe System" shown in "S. F. System" Tariffs Series 24, 76 and 5896).	Current Tariff rates in effect from and to CHICAGO, subject to the following rates as minima, viz:

Classes.				
1.	2.	3.	4.	5.
35	25	18	14	13
6 or A	7 or B	8 or C	9 or D	10 or E
12	10	8.65	6.91	6.22

Commodities taking less than Class rates: Carloads, 6 cents; less carloads, 12½ cents.

Routing Instructions.

No. 1 Via Chicago, Ill., and B. & O. R. R.
" 2. " " " " Belt Ry.
" 3. " " " " C. & E. I. R. R.
" 4. " " " " C. Junc. Ry.
" 5. " " " " C. R. I. & P. Ry.
" 6. On carloads, via McCook, Ill., and on less carloads, via Chicago, Ill., and C. T. T. R. R.
" 7. On carloads, via Corwith or McCook, Ill., and on less carloads, via Chicago, Ill., and C. T. T. R. R.
" 8. Via Joliet, Ill., and E. J. & E. Ry.
" 9. " Chicago, Ill., and Ill. Cent. R. R.
" 10. " " " " L. S. & M. S. Ry.
" 11. " Joliet, Ill., and M. C. R. R.
" 12. " Chicago, Ill., and Penn. Co.

EXCEPTIONS.

Chicago Terminal Transfer R. R.

Rates to and from following stations, viz:[a] Blue Island, East Chicago, Hammond, Hegewisch, Riverdale and South Chicago, will only apply on carload shipments.

MINIMUM CHARGE.

Small shipments consisting of one or more packages of the same or different Classes will be charged for at actual weight at the rate for the Class to which the freight belongs, subject to a minimum charge of 25 cents for the entire consignment, unless a higher minimum charge is provided for to or from Chicago, in which case the latter will govern.

[a] Will also apply on L. C. L. shipments WESTBOUND.

DEFENDANTS' EXHIBIT 154.

"Santa Fe System," Tariff No. 7100.
(Cancels A., T. & S. F. Tariff No. 1705-F.)

THE ATCHISON, TOPEKA & SANTA FE RAILWAY

In connection with

CLEVELAND, CINCINNATI, CHICAGO & ST. LOUIS RY.
(Kankakee & Seneca Branch.)
ELGIN, JOLIET & EASTERN RY.

INDIANA, ILLINOIS & IOWA R. R.
PEORIA & PEKIN TERMINAL RY.
PEORIA & PEKIN UNION RY.

Applying on

CLASSES AND COMMODITIES

Between

CHICAGO, ILL., AND POINTS TAKING SAME RATES,

and

STATIONS ON ATCHISON, TOPEKA & SANTA FE RAILWAY IN ILLINOIS.

Governed by Illinois Classification.

When the Rates and Classification conflict, the former will govern.

COMPETITIVE TRAFFIC.

Governed by Rules and Conditions of "Santa Fe System" Circular No. 2024–A (W. T. L. Comm. Rules No. 5.)

Special notice.

Storage and demurrage charges.—For Storage and Demurrage Charges on shipments destined to points on A., T. & S. F. Ry., see "Santa Fe System" Circular No. 2060. Shipments destined to points on other lines will be subject to storage and demurrage rules of delivering line.

Issued February 8, 1904.

Effective February 15, 1904.

W. B. BIDDLE,
F. T. M., "Santa Fe System," Chicago, Ill.

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Issued by
C. W. COOK,
A. G. F. A., A., T. & S. F. Ry., Topeka, Kans.

Hall—1-04—1000-32118.

"System" No. 7100.—Classes and Commodities between Chicago and Illinois points.

The following stamps appear upon this tariff:

RECEIVED
Jun 1904
Ans.
H. E. Felton.

Checked
J. R. P.
Date 6/22

DEFENDANTS' EXHIBIT 154—PAGE 2.

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Stations.	Index No.	Stations.	Index No.	Stations.	Index No.	Stations.	Index No.
Ancona, Ill.	29	East Galesburg, Ill.	46	Lomax, Ill.	57	Princeville, Ill.	39
Appleton, "	44	Edelstein, "	38	Long Point, "	61	Ransom, "	24
Benson, "	64	Eureka, "	67	Lorenzo, "	17	Roanoke, "	65
Blodgett, "	15	Galesburg, "	47	McCook, "	2	Romeo, "	9
Byrneville, "	6	Gary, "	3	Mazon, "	21	Santa Fe Park, "	5
Cameron, "	49	Gorman, "	20	Media, "	54	Smithshire, "	53
Caton, "	31	Groveland, "	73	Millsdale, "	13	Streator, "	26
Chillicothe, "	36	Holland, "	27	Minonk, "	63	Streator Jct., "	66
Coal Branch Jct., "	18	Holton, "	35	Monica, "	40	Stronghurst, "	55
Coal City, "	19	Joliet, "	11	Moon, "	28	Surrey, "	48
Cooper, "	70	Kernan, "	25	Morton, "	72	Tedens, "	7
Corwith, "	1	Kinsman, "	23	Nemo, "	50	Toluca, "	32
Crandall, "	71	Knappa, "	16	North Hampton, "	37	Verona, "	22
Dahinda, "	43	Knox, "	45	Ormonde, "	51	Washington, "	69
Dallas, "	58	La Rose, "	33	Patterson, "	12	Wilbern, "	34
Dana, "	62	Laura, "	41	Pekin, "	74	Williamsfield, "	42
Decorra, "	56	Leeds, "	30	Pekin Jct., "	68	Willow Springs, "	4
Drummond, "	14	Lemont, "	8	Ponemah, "	52		
East Ft. Madison, "	60	Lockport, "	10	Pontoosuc, "	59		

DEFENDANTS' EXHIBIT 154—PAGE 3.

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APPLICATION OF RATES.

Rates published herein, except on grain and grain products, will also apply from and to stations on lines indicated below as specified; except that rates shown on wheat and grain to Chicago, Ill., will also apply to Streator, Ill., on shipments destined to Kankakee, Ill., or on shipments destined beyond Kankakee, Ill., via I. I. & I. R. R.

Roads.	Stations.		Route via—	Rates to apply. From and to A. T. & S. F. Ry. Stations.	
				Carloads.	Less carloads.
Cleveland, Cincinnati, Chicago & St. Louis Ry. (Apply A. T. & S. F. Percentage Sheet No. 523.)	Bonfield.....Ill. Booths.....“ Coster.....“ Coynes.....“ Essex.....“ Gardner.....“	*Greenwich.....Ill. Kankakee.....“ *Mosier.....“ Seneca.....“ Wauponsee.....“	Mazon, Ill.....	Rates between Chicago and stations west of Mazon, Ill.	Rates between Chicago and stations west of Galesburg.
Elgin, Joliet & Eastern Ry. (Apply A. T. & S. F. Percentage Sheet No. 349.)	Aurora.....Ill. Barrington.....“ Brisbane.....“ Carbon Hill.....“ Caton Farm.....“ *Centerville.....“ Chicago Heights.....“ *Clarks.....“ Coster.....“ *Coynes.....“ *Dell Abbey.....“ *Diamond Lake.....“ Divine.....“ E. Joliet.....“ Frankfort.....“ *Frontenac.....“ *Gilmer.....“ Ingalton.....“	Lake Zurich.....Ill. Leithton.....“ Matteson.....“ *Mazinia.....“ Minooka.....“ Normantown.....“ Plainfield.....“ Rondout.....“ So. Chicago.....“ So. Waukegan.....“ So. Wilmington.....“ Spaulding.....“ Turner.....“ Walker.....“ Warrenhurst.....“ Waukegan.....“ *Wayne.....“ *Wolfs.....“	Joliet Ill.....	Rates between Chicago and stations west of Joliet, Ill.	Do.

Indiana, Illinois & Iowa R. R. (Apply A. T. & S. F. Percentage Sheet No. 307.)	*Adams.....Ill. Bradley.....“ Budd.....“ *Butts.....“ *Carrow.....“ Dwight.....“ Goodrich.....“	Kankakee.....Ill. Missal.....“ Reddick.....“ *Sunberry.....“ Union Hill.....“ Wilson.....“	Streator, Ill...	Rates between Chicago and stations west of Streator; also class rates between Chicago and Streator will apply between stations Corwith to Kernan, incl., and points shown on I. I. & I. R. R.	Do.

The rates named herein applying between Chicago and stations in Illinois will also apply between intermediate stations where A. T. & S. F. Tariff No. 2057 (Illinois Distance Tariff) names higher rates.

DEFENDANT'S EXHIBIT 154—PAGE 4.

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Index No.	Between Chicago and—	Merchandise. In cents per 100 lbs. First class.	Second class.	Third class.	Fourth class.	Carload rates. In cents per 100 lbs. † Fifth class.	Sixth class.	Seventh class.	Eighth class.	Ninth class.	Tenth class.
1	Corwith ..... Ill..	16	14	12	9	6.76	5.64	5.17	4.23	3.76	3.46
2	McCook..... " ..	16.92	15.04	13.16	9.4	7.52	6.58	6.11	4.7	4	3.59
3	Gary..... " ..	18.8	16.92	14.10	10.34	8.27	7.05	6.58	5.17	4.23	3.81
4	Willow Springs..... " ..										
5	*Santa Fe Park..... " ..	22	19	15	10	9	8	7	6	4.7	4
6	Byrneville..... " ..										
7	*Tedens..... " ..										
8	Lemont..... " ..										
9	Romeo..... " ..	22	19	15	10	9	8	7	6	4.89	4
10	Lockport..... " ..	22	19	15	10	9	8	7	6	5	4
11	Joliet..... " ..	22	19	15	10	9	8	7	6	5	4
12	*Patterson..... " ..	29	23	18	13	11.28	9.64	9.4	6.96	5.45	4.91
13	Millsdale..... " ..										
14	*Drummond..... " ..	29	23	18	13	11.28	9.64	9.4	6.96	5.45	4.91
15	*Blodgett..... " ..	29	23	18	13	11.28	9.64	9.4	6.96	5.45	4.91
16	*Knappa..... " ..	30	24	18	13	11.5	10.32	9.64	7.14	5.64	5.08
17	Lorenzo..... " ..										
18	*Coal Branch Jct..... " ..	31	25	18	13	12	10.58	9.87	7.33	5.83	5.24
19	Coal City..... " ..										
20	*Gorman..... " ..	32	25	18	13	12	11.05	10	7.71	6.16	5.55
21	Mazon..... " ..										
22	Verona..... " ..	33.84	25	18	14	12	11.28	10	7.90	6.16	5.67
23	Kinsman..... " ..	34.78	25	18	14	12	11.51	10	8.08	6.44	5.8
24	Ransom..... " ..	35	25	18	14	12	11.75	10	8.27	6.58	5.92
25	Kernan..... " ..	35	25	18	14	12	11.98	10	8.46	6.77	6
26	Streator..... " ..	35	25	18	14	13	12	10	8.65	6.91	6.22
27	*Holland..... " ..										
28	Moon..... " ..	35	25	18	14	13	12	10	8.84	7	6.22
29	Ancona..... " ..										
30	Leeds..... " ..	35	25	18	14	13	12	10	9	7	6.2
31	*Caton..... " ..	35	25	18	14	13	12	10	9	7	6.22
32	Toluca..... " ..	35	25	18	14	13	12	10	9	7	6.22
33	La Rose..... " ..	40	32	24	18	14	12	11	9.59	7.66	6.89
34	Wilbern..... " ..	40	32	24	18	14	12	11	9.59	7.66	6.89
35	Holton..... " ..	40	32	24	18	14	12	11	10	8.08	7.27
36	Chillicothe..... " ..										
37	*North Hampton..... " ..	40	32	24	18	14	13	12	10	8.22	7.41
38	Edelstein..... " ..										

† Will also apply on L. C. L. articles classified fifth class under Illinois Classification.
* No agent. Freight must be prepaid.

DEFENDANT'S EXHIBIT 154—PAGE 5.

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Carloads.						Live stock, carloads (see pages 14 and 15).				
In cents per 100 lbs., except as noted.						In cents per 100 lbs.				
Soft lumber, lath, shingles and fence posts (see page 15).	Salt.	Apples, potatoes, and other vegetables taking wheat tariff rates.	Wheat.	Other grain.	Coal and coke, in dollars and cents per net ton (see page 16).	Cattle and calves.	Hogs, S. D.	Sheep, S. D.	Between Chicago and—	Index No.
3	3	4.45	3	3	.50	5.5	6.2	6.6	Corwith, Ill.	1
3	3	5.14	3	3	.50	6.2	7.5	7.6	McCook, "	2
3	3	5.43	3	3	.50	6.2	7.5	7.6	Gary, "	3
									Willow Springs, "	4
									*Santa Fe Park, "	5
3	3	5.67	3	3	.50	6.5	8	8.4	Byrneville, "	6
									Tedens, "	7
									Lemont, "	8
3	3	5.67	3	3	.50	6.7	8.5	[illegible]	Romeo, "	9
3	3	5.95	3	3	.50	6.7	8.5	9	Lockport, "	10
3	3	6.24	3	3	.50	7	[illegible]	9.4	Joliet, "	11
4	5	6.76	4	4	.50	7.5	9.6	10.2	*Patterson, "	12
									Millsdale, "	13
5	5	7.05	5	5	.60	7.5	9.6	10.2	*Drummond, "	14
5	5	7.05	5	5	.65	7.5	9.6	10.4	*Blodgett, "	15
5	5	7.29	5	5	.70	7.9	10.4	11	*Knappa, "	16
									Lorenzo, "	17
5	5	7.29	5	5	.75	7.9	10.4	11	*Coal Branch Jct., "	18
									Coal City, "	19
5	7	8.10	5	5	.80	8.1	10.7	11.5	*Gorman, "	20
									Mazon, "	21
6	7	8.10	5	5	.85	8.7	11.8	12.7	Verona, "	22
6	7	8.26	5	5	.90	8.9	12.1	13	Kinsman, "	23
6	7	8.42	5	5	.95	9	12.3	13.3	Ransom, "	24
6	7	8.59	5	5	1.00	9.2	12.5	13.6	Kernan, "	25
6	7	8.75	6	6	1.00	9.3	12.7	14	Streator, "	26
									*Holland, "	27
6	7	8.91	6	6	1.05	9.5	13	14.4	Moon, "	28
									Ancona, "	29
6	7	9	6	6	1.06	9.7	13.4	15.2	Leeds, "	30
6	7	9	6	6	1.07	9.7	13.4	15.2	*Caton, "	31
6	7	9	6	6	1.08	9.8	13.5	15.5	Toluca, "	32
6	7	9	6	6	1.09	10	13.7	15.9	La Rose, "	33
6	7	9	6	6	1.09	10.2	14	16.5	Wilbern, "	34
									Holton, "	35
6	7	9	6	6	1.10	10.4	14.2	16.7	Chillicothe, "	36
									*North Hampton, "	37
6	8	9.96	6	6	1.10	10.5	14.3	16.9	Edelstein, "	38

DEFENDANTS' EXHIBIT 154—PAGE 6.

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Index No.	Between Chicago and—	Merchandise. In cents per 100 lbs. First class.	Second class.	Third class.	Fourth class.	Carload rates. In cents per 100 lbs. † Fifth class.	Sixth class.	Seventh class.	Eighth class.	Ninth class.	Tenth class.
39	Princeville..... Ill..	44.18	34.78	27.16	20	15	14.1	12.88	10.34	8.22	7.41
40	Monica..... " ..	45.12	35.72	27.72	20	15	14.48	13.16	10.62	8.46	7.6
41	Laura..... " ..	46.06	36.47	28.29	20	15	14.76	13.35	10.9	8.65	7.78
42	Williamsfield..... " ..	46.43	36.84	28.57	20	15	14.9	13.44	11.04	8.74	7.88
43	Dahinda..... " ..	46.43	36.84	28.57	20	15	14.9	13.44	11.04	8.74	7.88
44	Appleton..... " ..	46.43	36.84	28.57	20	15	14.9	13.44	11.04	8.74	7.88
45	* Knox..... " ..	46.43	36.84	28.57	20	15	14.9	13.44	11.04	8.74	7.88
46	East Galesburg..... " ..	46.43	36.84	28.57	22	17	14.9	13.44	11.04	8.74	7.88
47	Galesburg..... " ..										
48	Surrey..... " ..	47	37.6	29	22	17	14.9	13.44	11.04	8.74	7.88
49	Cameron..... " ..	47	37.6	29	22	17	15	13.63	11.28	8.93	8.04
50	Nemo..... " ..	47	37.6	29	22	17	15	13.63	11.28	8.93	8.04
51	Ormonde..... " ..	47	37.97	29	22	17	15	13.72	11.42	9.02	8.12
52	Ponemah..... " ..	47	38	29	22	17	15	14	12	9.59	8.63
53	Smithshire..... " ..	47	38	29	22	17	15	14	12	9.59	8.63
54	Media..... " ..	47	38	29	22	17	15	14	12	9.59	8.63
55	Stronghurst..... " ..	47	38	29	22	17	15	14	12	9.78	8.8
56	Decorra..... " ..	47	38	29	22	17	15	14	12	9.78	8.8
57	Lomax..... " ..	47	38	29	22	17	15	14	12	9.78	8.8
58	Dallas..... " ..	47	38	29	22	17	15	14	12	9.78	8.8
59	Pontoosuc..... " ..	47	38	29	22	17	15	14	12	10	9
60	East Ft. Madison..... " ..	47	38	29	22	17	15	14	12	10	9
61	Long Point..... " ..	37	28	21	16	13	12	10	9	7	6.2
62	Dana..... " ..	40	31.96	24	18	14	12	11	9.21	7.33	6.60
63	Minonk..... " ..	40	32	24	18	14	12	11	9.4	7.52	6.77
64	Benson..... " ..	40	32	24	18	14	12	11	9.59	7.66	6.89
65	Roanoke..... " ..	40	32	24	18	14	12	11	9.78	7.8	7.03
66	* Streator Jct..... " ..	40	32	24	18	14	12	11	10	8.08	7.27
67	Eureka..... " ..										
68	* Pekin Jct..... " ..	40	32	24	18	14	12	11	10	8.22	7.41
69	Washington..... " ..										
70	Cooper..... " ..	40	32	24	18	14	12	11	10	8.27	7.5
71	Crandall..... " ..	40	32	24	18	14	12	11	10	8.27	7.5
72	Morton..... " ..	40	32	24	18	14	12	11	10	8.46	7.5
73	Groveland..... " ..	40	32	24	18	14	12	11	10	8.46	7.5
74	Pekin..... " ..	40	32	24	18	14	12	11	10	8.5	7.5

† Will also apply on L. C. L. articles classified fifth class under Illinois Classification.
* No agent. Freight must be prepaid.

DEFENDANTS' EXHIBIT 154—PAGE 7.

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Carloads. In cents per 100 lbs., except as noted.						Live stock carloads (see pages 14 and 15). In cents per 100 lbs.			Between Chicago and—	Index No.
Soft lumber, lath, shingles and fence posts (see page 15).	Salt.	Apples, potatoes, and other vegetables taking wheat tariff rates.	Wheat.	Other grain.	Coal and coke, in dollars and cents, per net ton (see page 16).	Cattle and calves.	Hogs, S. D.	Sheep, S. D.		
8	8	9.96	7	7	1.10	10.5	14.3	16.9	Princeville.....Ill..	39
8	8	9.96	7	7	1.10	10.8	14.7	17.1	Monica..... " ..	40
8	9	10.53	8	8	1.13	11	15	17.3	Laura..... " ..	41
8.5	9	10.65	8	8	1.13	11.1	15	17.4	Williamsfield..... " ..	42
9	9	10.65	8	8	1.13	11.1	15	17.4	Dahinda..... " ..	43
10	9	10.65	8	8	1.13	11.1	15	17.4	Appleton..... " ..	44
10	9	10.65	8.08	8.08	1.13	11.1	15	17.4	* Knox..... " ..	45
10	9	10.65	8.32	8.32	1.13	11.1	15	17.4	East Galesburg..... " ..	46
									Galesburg..... " ..	47
10	9	11.34	8.56	8.56	1.13	11.4	15	17.6	Surrey..... " ..	48
10	9	11.46	8.8	8.8	1.15	11.4	15	17.6	Cameron..... " ..	49
10	9	11.46	8.8	8.8	1.16	11.5	15	17.7	Nemo..... " ..	50
10	9	11.58	9	9.05	1.16	11.7	15	17.8	Ormonde..... " ..	51
10	9	11.75	9	9.05	1.17	11.7	15	17.8	Ponemah..... " ..	52
10	9	11.75	9	9.53	1.17	11.9	15	18	Smithshire..... " ..	53
10	9	11.75	9	9.7	1.19	11.9	15	18	Media..... " ..	54
10	9	11.94	9	9.9	1.20	12.1	15	18.3	Stronghurst..... " ..	55
10	9	11.94	9	10	1.24	12.3	15	18.5	Decorra..... " ..	56
10	9	11.94	9	10	1.24	12.6	15	18.7	Lomax..... " ..	57
10	9	11.94	9	10	1.24	12.6	15	18.7	Dallas..... " ..	58
10	9	12	9	10	1.25	12.8	15	18.9	Pontoosuc..... " ..	59
10	9	12	9	10	1.25	12.8	15	18.9	East Fort Madison.... " ..	60
6	7	9	6	6	1.30	9.6	13.2	14.8	Long Point..... " ..	61
6	7	9	6	6	1.30	9.7	13.4	15.2	Dana..... " ..	62
6	7	9	6	6	1.30	9.8	13.5	15.5	Minonk..... " ..	63
6	7	9	6	6	1.30	10	13.7	15.9	Benson..... " ..	64
6	7	9	6	6	1.30	10.1	13.8	16.3	Roanoke..... " ..	65
6	7	9	6	6	1.30	10.4	14.2	16.7	* Streater Jct..... " ..	66
									Eureka..... " ..	67
6	7	9	6	6	1.30	10.5	14.3	16.9	* Pekin Jct..... " ..	68
									Washington..... " ..	69
6	7	9	6	6	1.30	10.5	14.3	16.9	Cooper..... " ..	70
6	7	9	6	6	1.30	10.5	14.3	16.9	Crandall..... " ..	71
6	7	9	6	6	1.30	10.5	14.3	16.9	Morton..... " ..	72
6	7	9	6	6	1.30	10.5	14.3	16.9	Groveland..... " ..	73
6	5	9	6	6	1.30	10.5	14.3	16.9	Pekin..... " ..	74

Special commodity rates between Chicago and Lemont, Lockport and Joliet, Ill.

Index No.	Commodities, C. L. Minimum weight 30,000 lbs., unless otherwise specified.	Rates in cents per 100 lbs., unless otherwise noted.
1	Acids and vitriol, O. R. L	5
2	Agricultural implements (except hand), and articles classified as vehicles (except children's vehicles), straight or mixed car loads, min. wt. 20,000 lbs	6
3	Beer	5
4	Barrels, empty, min. wt. 10,000 lbs. (aggregate charge not to exceed 5 cents per 100 lbs. at min. wt. 20,000 lbs.)	8
5	Brick, tile, and sewer pipe	3
6	Car bolsters and trucks, straight or mixed carloads (eastbound)	4
7	Carboys, empty, returned, min. wt. 20,000 lbs	5
8	Castings, stove, min. wt. 24,000 lbs	5
9	Castings, heavy (eastbound)	5
10	Castings, iron	4
11	Cement and plaster	3
12	Cinders	50c per net ton.
13	Coperas	3
14	Fruit and vegetables, mixed C. L., min. wt. 24,000 lbs	8
15	Grain and its products, L.C.L.	8
16	Hay	5
17	Hides, green, and tallow	5
18	Horseshoes	4
19	Ice	50c per net ton.
20	Iron, corrugated (westbound)	4
21	Iron, merchant, viz: Bar, band, boiler, boiler braces, boiler heads, crabs, lugs (steel), manhole tops and covers, pipe flanges, rivets, hoop, plate and sheet, axles, bolts, chain, harrow or rake teeth, hay bale ties, horse or mule shoes, malleable castings, nails and spikes, nuts, pipe and couplings, plow beams, plow points and plow wings, plow wheels, sash weights, seats for agricultural implements, shafting, sled knees, sleigh shoes, thimble skeins, toe calks, washers, wire and wire rods, in straight or mixed carloads; also staples in straight carloads or in mixed carloads with wire	4
22	Iron, billets, bloom, ingots, ore, manganese, moulds, rolls, pig, spiegel, and iron, steel or wire scrap	50c per gross ton.
23	Iron, scrap	50c per gross ton.
24	Junk, min. wt. 25,000 lbs	4
25	Lead skimmings	3
26	Malt, min. wt. 40,000 lbs. (westbound)	3
27	Melons (westbound)	5
28	Nails (estimated wt. 106 lbs. per keg)	3
29	Oil, O. R., except petroleum and its products	5
30	Paper (building, printing, wrapping or carpet, not wadded or sewed	5
31	Paints	4
32	Paper, wall, min. C. L. wt. 30,000 lbs. (eastbound)	L. C. L. 12; C. L. 5
33	Pipe and couplings, iron	4
34	Potatoes	4
35	Rags and paper stock, min. wt. 25,000 lbs	4
36	Railway material, iron R. R. chairs, nut locks, links and pins, spikes, splices, angle bars and fastenings, bolts, frogs, car wheels and axles (old or new), drawbars, bumpers, equalizing bars, iron surface cattle guards, split switches, brake shoes, rail braces, switch stands and turntables and parts of same, in straight or mixed carloads	3
37	Rails	60c per gross ton.
38	Rail ends	60c " " "
39	Rattan, min. wt. 20,000 lbs	8
40	Resin	4
41	Sand, clay, and gravel	50c per net ton.
	Same (eastbound applies only as proportional rate on shipments destined to points on connecting lines not covered by through rates)	40c per net ton.
42	Shavings, in bbls., min. wt. 20,000 lbs	3
43	Slag	50c per net ton.
44	Steel plates	60c per gross ton.
45	Staves, heading, hoops and hoop poles, straight or mixed C. L.	3
46	Strawboard (eastbound)	4
47	Tar and pitch	4
48	Tin plate, min. wt. 40,000 lbs. (eastbound)	3
49	Tin scrap	50c per gross ton.
50	Wire (barbed), wire staples and hay bale ties, straight or mixed C. L. (eastbound)	3
51	Wire, plain (westbound)	50c per gross ton.
52	Wire rods	50c " " "
53	Wire, scrap	50c " " "

Special commodity rates between Chicago, Ill., and Streator, Ill. No. 7100

Index No.	Commodities, C. L. Minimum weight on carloads will be 30,000 lbs., unless otherwise specified.	Rates in cents per 100 lbs., unless otherwise noted.
54	Acids, O. R., when in tank cars min. wt. capacity of tank (westbound)	5
55	Agricultural implements, and wagons, min. wt. 24,000 lbs.	8
56	Arsenic (westbound)	6
57	Bottles, min. wt. 24,000 lbs. (eastbound)	8
58	Same, L. C. L. (eastbound)	10
59	Same, L. C. L. (when for connecting lines, where no through rates are published), eastbound	15
60	Brick, tile, sand, or clay	3½
61	Buckwheat, min. wt. 24,000 lbs.	6
62	Charcoal, min. wt. 24,000 lbs. (westbound)	6
63	Crucibles and melting pots, straight or mixed	6
64	Cullet (westbound)	6
65	Glass, all kinds (eastbound)	6
66	Same, L. C. L. (eastbound)	10
67	Same, L. C. L. (when for connecting lines where no through rates are published), eastbound	15
68	Glass bottles and fruit jars (eastbound)	8
69	Hides, green, pelts, tallow and grease, straight or mixed	8
70	Iron or steel, bar, band, boiler, hoop, axles, bed weights, boiler braces, boiler heads, boiler tubes, bolts, castings, chain, crabs, forgings, harrow or rake teeth and discs, hay-bale ties, hinges (scrap), hooks, horse or mule shoes, lugs (steel), manholes, maul heads, nails and spikes at actual weight but not less than 106 lbs. per keg when in kegs; nuts, pipes and couplings, pipe flanges, plates, plow beams, plow points and plow wings, plow wheels, rivets, rods, roofing (iron), sash weights, seats and springs for agricultural implements, shafting, sheet, common or galvanized, siding (iron), sled knees, sleigh shoes, staples, thimble skeins, toe calks, wagon or carriage skeins or springs, wagon tires, washers, wheels, wire, wire rods, straight or mixed C. L. (westbound)	6
71	Iron or steel, bridge or structural, viz: Angle beams rods, channels, columns, girders, tees, zees, rails and plates, straight or mixed C. L. (westbound)	6
72	Iron, pig, per gross ton of 2,268 lbs., min. wt. 15 gross tons (westbound)	100
73	Iron, scrap	5
74	Junk	5
75	Lead	6
76	Oil, petroleum, and its products (westbound)	6
77	Paint, white lead, chemical, rubber and dry earth paint and turpentine, straight or mixed (westbound)	6
78	Paper stick, min. wt. 24,000 lbs. (westbound)	5
79	Paper (eastbound)	7
80	Sand, min. wt. 40,000 lbs. (westbound)	3½
81	Sewer pipe, wall coping, flue lining, straight or mixed, min. wt. 26,000 lbs. (eastbound)	4
82	Soda ash, nitrate of soda, sulphate of soda and silicate of soda, straight or mixed (westbound)	6
83	Salt cake (westbound)	6
84	Stoneware, min. wt. 24,000 lbs. (eastbound)	6
85	Tar or pitch	5
86	Timothy seed, min. wt. 24,000 lbs. (eastbound)	6
87	Wagon wood, bent or sawed, plow handles and beams, straight or mixed (westbound)	6
88	Wheels, iron, for agricultural implements, min. wt. 24,000 lbs. (westbound)	6

DEFENDANT'S EXHIBIT 154—PAGE 10.

Special commodity rates between Chicago and Pekin, Ill.

Item No.	Commodities, C. L. Minimum weight 30,000 lbs., except when marked capacity of car is less, in which event marked capacity of car will govern.	Rates in cents per 100 lbs., unless otherwise noted.
89	Acids	8
90	Apple waste (southbound), min. wt. 24,000 lbs	8½
91	Beer, owner's risk, min. weight on straight C. L., in wood, 20,000 lbs., on other shipments 24,000 lbs	10
92	Bottles, old or broken, straight or mixed carloads (eastbound)	7
93	Brick	5
94	Brimstone	10
95	Canned goods (northbound)	10
96	Cement, stucco, lime and plaster	5
97	Coal-tar, min. wt., 40,000 lbs	5
98	Felt roofing, min. wt., 40,000 lbs. (eastbound)	5
99	Fireworks, any quantity	40
100	Flour, in lots of 2,000 lbs. or over	12
101	Galvanized-iron garbage cans, min. wt., 20,000 lbs. (eastbound)	12
102	Galvanized-iron spouting, nested solid (eastbound)	8
103	Glauber salts, min. wt., 40,000 lbs. (westbound)	6½
104	Glucose and corn syrup	6
105	Iron or steel wire (except insulated wire), barbed wire, wire fence, in rolls, iron fence posts, wire-fence stays in kegs, barbed wire stretchers, lifters, and twisters in boxes or bbls., wire staples, wire nails, iron nails, spikes and hay-bale ties, straight or mixed carloads	8
106	Iron, pig, min. wt., 15 gross tons, per gross ton	$1.20
107	Iron, scrap, min. wt., 15 gross tons, per gross ton	1.20
108	Iron, bridge or structural, viz: Angle beams, channels, columns and girders; also rods, bolts, zees, tees, plates and rails (used in construction), in straight or mixed carloads	8
109	Iron, merchant, viz: Bar, band, boiler, boiler braces, boiler heads, crabs, lugs (steel), manhole tops and covers, pipe flanges, rivets, hoop, plate and sheet, axles, bolts, chain, harrow or rake teeth, hay-bale ties, horse or mule shoes, malleable castings, nails and spikes, nuts, pipe and couplings, plow beams, plow points and plow wings, plow wheels, sash weights, seats for agricultural implements, shafting, sled knees, sleigh shoes, thimble skeins, toe calks, washers, wire and wire rods, in straight or mixed carloads;	
115	Meat, fresh, min. wt., 20,000 lbs	16½
116	Oil cake and oil meal	6
117	Oil, corn, min. wt., 26,000 lbs	8
118	Packing house products, viz: Bacon, cured, in bbls., bags, boxes, casks or crates; beef, dried, loose, or in sacks, boxes, barrels, casks, or crates; beef, pickled; beef and hog intestines, uncleaned, in boxes or barrels; bladders, in boxes or barrels; cracklings; cotton-seed foots; dried weasands, in boxes or barrels; grease in buckets, tubs, pails, or barrels; hair, hogs'; hams and shoulders, cured, in bags, boxes, barrels, crates, or casks; ham, boiled; hides and sheep pelts, green; lard in crocks, buckets, boxes, barrels, or casks; lard, leaf, packed or in bulk; lard, in bulk in tank cars; lard substitutes; meats, canned; meats, dried or salted, in bags, boxes, barrels, crates, casks, or in bulk; meats, pickled, in glass; oleo oil, in barrels or tierces; pigs' feet, in wood; pigs' feet, in bulk, to be loaded and unloaded by owner; pork, cured, packed; sausage, dried; sausage casings, pickled, in barrels or kegs; sheepskin trimmings, green; stearine; tails, tallow, tallow oil and tripe, in kegs, brrrels, or casks; straight or mixed C. L., min. weight, 26,000 lbs	7
119	Paper, printing	8
120	Paper, building, roofing, or wrapping (straw, rag or manila), strawboard, paper bags, strawboard cartons and wood-pulp board, in straight or mixed carloads	8
121	Pipe and fittings, iron, min. wt., 24,000 lbs	8
122	Railroad supplies, viz: Railroad chairs, nut locks, links and pins, spikes, splices, angle bars, bolts and fastenings (except as otherwise provided), brake shoes, frogs, car wheels and axles (old or new), drawbars, bumpers, equalizing bars, iron surface cattle guards, switch stands, split switches and rail braces, turntables and parts of same, straight or mixed C. L	8
123	Rails, railroad, iron or steel, min. wt., 15 gross tons, per gross ton	$1.20
124	Rope and twine (eastbound), min. wt., 24,000 lbs	8
125	Sash weights, min wt. 40,000 lbs. (eastbound)	6

	also staples in straight carloads or in mixed carloads with wire	
110	Iron and steel articles, L. C. L., as described in item No. 141, page 14	8
111	Liquors, estimated weight, 375 lbs. per bbl	15
112	Liquors, L. C. L., in lots or 5 bbls. and over, estimated wt., 375 lbs per bbl	9
113	Liquors, in bottles, packed in cases, L. C. L. (eastbound)	18
114	Malt	24
126	Starch	5
127	Stone	6
128	Tile, hollow building, min. wt., 40,000 lbs. (westbound)	6
129	Vinegar (westbound)	9
130	Wet feed and glucose feed	5
131	White lead { C. L.	8
	{ L. C. L.	12
132	Zinc and spelter (westbound) { C. L.	6
	{ L. C. L.	8

MAXIMUM RATES.

The following will be the maximum rates to be charged on the commodities mentioned, in the direction indicated, BETWEEN CHICAGO, CORWITH, etc., and stations Edelstein to East Fort Madison (Index Nos. 38 to 60), inclusive, also between intermediate stations on line between Chicago and East Fort Madison, except where lower rates are provided:

Index No.	Commodities, carloads. Minimum weight 24,000 lbs., unless otherwise specified.	Rates in cents per 100 lbs., except as noted.
133	Beef and pork, dressed (eastbound)	16½
134	Boxes, glass, empty, returned, or when filled with empty glass bottles or broken glass, min. wt. 20,000 lbs. (eastbound to Streator only)	7½ 8
135	Feed, wet	10
136	Glass, window, common	
137	Glucose, glucose syrup, grape sugar and sorghum molasses, straight or mixed C. L.	10 10
138	Hay (see page 16)	5
139	Ice (eastbound)	
140	Iron, merchant, viz: Bar, band, boiler, boiler braces, boiler heads, crabs, lugs (steel), manhole tops and covers, pipe flanges, rivets, hoop, plate and sheet, axles, bolts, chain, harrow or rake teeth, hay bale ties, horse and mule shoes, malleable castings, nails and spikes, nuts, pipe and couplings, plow beams, plow points and plow wings, plow wheels, sash weights, seats for agricultural implements, shafting, sled knees, sleigh shoes, thimble skeins, toe calks, washers, wire and wire rods, in straight or mixed carloads; also staples in straight carloads or in mixed carloads with wire	8
141	Iron and steel articles, LCL., viz: Anvils, band, boiler, bar, rod (merchants'), bolsters, boiler braces, boiler heads, boiler tubes, beams and channels, blacksmith's cones and mandrels, brake beams, brake shoes, butts, drawbars, car couplers and bumpers; castings (unfinished), not machinery or parts of machinery, in boxes or casks or loose, O. R. B., weighing 100 lbs. or over; crabs, chain in casks, clevises in packages, crowbars, fence posts, fence wire (plain or barbed), expanded metal; stays and staples in kegs, and barbed wire stretchers in boxes or barrels; hay bale ties;	
142	Iron, pig, per gross ton	100
143	Iron, scale, per gross ton	150
144	Iron, scrap	8.74
145	Lime, cement, plaster, stucco, straight or mixed C. L., minimum wt. 24,000 lbs	8½
146	Machines: viz: Drop presses, bulldozers, power hammers, skein presses, Edgar bending machines, skein setters, taper rolling machines, gang boring machines, eye bolt machines, punch and shear machinery; each machine weighing 3,500 lbs. or over, the light detachable parts boxed or crated, O. R.	20 10
147	Marble dust and bone black, straight or mixed C. L.	
148	Packing house products, min. wt. 24,000 lbs., in refrigerator or ordinary cars, viz.: Bacon, in bags, barrels, boxes, crates or casks; beef, dried, loose or in sacks, boxes, barrels, casks or crates; beef, pickled; beef and hog intestines, uncleaned, in boxes or barrels; cottolene, cotton seed foots, cracklings; grease, in buckets, tubs, pails or barrels; hair, hogs'; hams and shoulders, in bags, boxes, barrels, crates or casks; hides and sheep pelts, green; lard, in crocks, buckets, boxes, barrels or casks; lard, leaf, packed or in bulk; lard, in bulk, in tank cars; meats, canned; meats, dried or salted, in bags, boxes, barrels, crates, casks or in bulk; meats, pickled, in glass; oleo oil, in barrels or tierces; pigs' feet, in bulk, to be loaded and unloaded by owner; pork, packed; sausage, dried; sausage casings, pickled, in barrels or kegs; stearine; tails, tallow, tallow oil and tripe, in kegs, barrels or casks; sheepskin trimmings, green	15

NOTE.—The rates named as applying upon packing house products will apply ONLY on shipments of the articles enumerated in the foregoing list.

	hoop; sheet (common), galvanized or corrugated, released; horse and mule shoes, hydrants (fire and yard), cast iron, O. R., released; lugs; lag screws, in kegs or barrels; manholes; nails, horse, in boxes; nails and spikes in kegs (gross weight); nuts, bolts, washers, rivets, hinges (strap), staples and hooks, in boxes, barrels or kegs; picks, track chisels, mauls and sledges, in boxes or barrels; pipe (wrought iron), pipe fittings, pipe flanges, iron valves or iron water gates, railroad rails; splices, spikes, bolts, links and pins, roofing (in boxes, barrels, crates, or rolls), sash weights, service and valve boxes, shafting (iron or steel), released to value of bar iron; shoe lasts and stands (cast iron), dipped in paint, packed in barrels; sinks and traps (iron or steel), O. R., nested; toe calks (boxed); tuyeres (iron); wagon skeins and boxes, O. R.; wire, iron, tinned, in barrels	15
149	Paper, printing and wrapping, straight or mixed C. L. (eastbound)	10
150	Pipe fittings and valves, strt. or mixed C. L	8
151	Rails, steel or iron, per gross ton	175
152	*Railway material, iron R. R. chairs, nut locks, spikes, splices, angle bars and fastenings, frogs, car wheels and axles (old or new), bars, bumpers, turntables and parts of same, in straight or mixed C. L	8
153	Sand, per net ton	130
154	Soda ash and salt cake, strt. or mixed C. L	10
155	Staves and headings (westbound)	8.74
156	Wagon wood, bent or sawed, plow handles and beams, straight or mixed C. L	12
157	Wire and nails, straight or mixed C. L	8

* Railway fastenings in mixed C. L. with rails, will take per net ton the rate on railsper gross ton.

DEFENDANTS' EXHIBIT 154—PAGE 12.

Special commodities.

Item No.	On—	From—	To—	Rates in cents per 100 lbs. (except as noted).
158	Lime, cement, straight carloads, min. weight 30,000 lbs.	Chicago.....Ill..	Chillicothe.....Ill.. Edelstein.....“..	5
159	Salt, C. L.....	Ludington.....Mich.. Manistee.....“.. (Via M. I. & I. line and Chicago, Ill.)	Stations on A., T. & S. F. Ry., Monica to E. Ft. Madison, Ill. (Index Nos. 40 to 60.)	2⅓ cents per 100 lbs. higher than rates from Chicago. Minimum through rate 23 cts. per bbl.
160	Sand, moulding, C. L..... Min. wt. 50,000 lbs.....	E. Ft. Madison, Ill.....	Chicago.....“ Coal City.....“ Joliet.....“ Mazon.....“ McCook.....“ Streator.....“	1.00 per ton.
			Pekin.....“ *Peoria.....“	1.10 per ton.

* Rate to Peoria applies via Pekin, Ill., in connection with P. & P. T. or P. & P. U. Rys.

"Stop-off" privileges on carload traffic at Montreal, Que., and St. Albans, Vt.

For rules governing, see National Despatch-Great Eastern Line Circular No. 8, of June 30, 1902, or subsequent issues.

Lumber "stop off" at Burlington, Vt.

Bills of lading and waybills may be made for lumber to be stopped off at Burlington for dressing; the charge therefor must be borne by the owners of the property, and so noted on waybills and receipts. The stop-over notation must be made on both the outside and inside of such waybills.

Icing stations.

The following is a list of icing stations at which shipments of perishable freight may be re-iced when forwarded by the railroads named below:

On direct line Chicago to Portland, Me., and Boston, Mass.

Elsdon (Chicago), Ill	Grand Trunk Railway.
Port Huron Tunnel, Mich	Grand Trunk Railway.
Don (Toronto), Ont	Grand Trunk Railway.
Montreal, Que	Grand Trunk Railway.

To Portland.

Island Pond, Vt	Grand Trunk Railway.

To Boston via C. V. Railway.

White River Junction, Vt	Central Vermont Ry.
Nashua, N. H	Boston & Maine R. R.

Necessity of shippers designating the stations at which they wish shipments iced.

Unless shippers have made special arrangements with the above railroad companies, it will be necessary for them to designate on each forwarding or shipping order the point at which the freight is to be iced.

ITEM No. 162.—*From Chicago, Ill., to Minonk, Ill.*

In cents per 100 lbs. Less carloads.	Rates.
Agricultural implements, axes, hardware, locks, and knobs, in packages; sash pulleys, shovels and scoops, stoves and stove furniture, tinware and stamped ware, nested, packed in boxes or barrels; wire cloth	24
Cartridges, paper and metallic (not high explosives), boxed; lamp chimneys and lantern globes, in packages; enameled ware, boxed; mechanics' tools, boxed	31½
Groceries, viz: Beans, in bags or barrels; coffee, green or roasted; crackers; canned goods, as specified in Illinois Classification; fish, pickled, salted, or smoked; jelly and preserves; apple butter, in wood; pickles, in wood; rice, sugar, syrup, and molasses; vinegar	16
Grindstones and fixtures	16
Iron articles, viz: Anvils, barbed-wire stretchers, in boxes or barrels; band and boiler iron, bar and rod iron, beams and channels, blacksmiths' cones and mandrels, bolts, links and pins, brake beams, brake shoes, butts, car couplers; castings, unfinished (not machinery or parts of machinery), in boxes or casks; chain, in casks; clevises, crowbars, drawbars, and bumpers, fence posts, fence wire, plain or barbed, hay bale ties; hoop, sheet (common), galvanized or corrugated, released; hinges (strap); horse and mule shoes, actual weight; hydrants, fire and yard, cast iron, O. R. R.; lag screws, in kegs or barrels; mauls and sledges, in boxes or barrels; nails, horse, in boxes; nails and spikes, in kegs, actual weight; nuts, bolts, rivets, and washers; picks; pipe and pipe fittings, wrought iron; railroad rails; roofing, in boxes, bundles, crates, or rolls; sash weights; service boxes, in boxes, barrels, or casks; sinks and traps (iron or steel), O. R.; splices, spikes, springs, vehicle tacks, vises and wedges, staples and hooks, in boxes, kegs, or barrels; stays and staples, toe calks, boxed; track chisels; tuyeres, iron; wagon skeins and boxes; wire fence	16
Paper, building and wrapping	16

RULES AND REGULATIONS.

MINIMUM CHARGE.

Single shipments of one or more classes will be charged for at actual weight at tariff rates, subject to a minimum charge of 25 cents for the entire consignment.

LIME.

Lime rates will also apply on cement (building, paving or roofing), lime, plaster (building), stucco, soapstone finish for plaster, in straight or mixed carloads.

LIVE STOCK.

Cattle, calves, hogs, and sheep.—Agents will bill at the minimum weights named below, subject to correction at destination to actual weight, but in no case less than the following minimums:

Minimum weights, live stock, carloads.	Cattle and calves.	Hogs and sheep, double deck cars.	Hogs, single deck cars.	Sheep, single deck cars.
Cars 31 feet and under in length, inside measurement	19,000 lbs.	19,000 lbs.	15,000 lbs.	10,000 lbs.
Cars over 31 feet but not exceeding 33 feet 9 inches in length, inside measurement	20,500 "	20,500 "	16,000 "	11,000 "
Cars over 33 feet 9 inches to and including 36 feet in length, inside measurement	22,000 "	22,000 "	17,000 "	12,000 "

HORSES AND MULES.

Rates on horses and mules, carloads, will be 110 per cent of the rates on cattle, carloads, using minimum weights shown above for the various sized cars of cattle. To illustrate: When the rate on cattle, C. L., is 14 cents per 100 lbs., the rates on horses and mules will be 15.4 cents per 100 lbs., subject to the established cattle minimums shown, and charges will be assessed and collected on the basis of the minimum weights shown for various sized cars, regardless of actual weight.

STOCK CATTLE.

Stock cattle, C. L., between points in Illinois (except to Chicago, Ill., proper), will take 75 per cent of the rates named herein on cattle and calves.

Agent at the station from which live stock is way-billed must in all cases note on billing the length of car in which stock is loaded.

TERMINAL CHARGES.

The live-stock station and stock yards of the A., T. & S. F. Ry. Co. in Chicago are located at Corwith, and the rates named herein as applicable to Chicago only apply to live stock intended for delivery at the stock yards of said company at Corwith, in said city.

Upon all live stock consigned to the Union Stock Yards in Chicago, or to industries located on the Union Stock Yards Railway or the Indiana State Line Railway (Chicago Junction Railway, Lessee), and transported and delivered to said Union Stock Yards, or to said industries located on said Union Stock Yards Railway or the Indiana State Line Railway aforesaid, an additional charge of two dollars ($2.00) per car will be added to the rates applicable to Corwith, for transporting such cars to said Union Stock Yards, or to said industries on said Union Stock Yards Railway or Indiana State Line Railway, for delivery thereat; and one dollar and a half ($1.50) per car as a terminal charge will be made in addition to the Chicago rates on shipments received from or delivered to the Northern Indiana Railroad at Hammond.

The attention of the shipper must be and is called to the fact that the transportation charge on live stock delivered at our own yards at Corwith, in Chicago, will be two dollars ($2.00) per car less than when delivered at the Union Stock Yards at Chicago, or at industries located on the Union Stock Yards Railway or the Indiana State Line Railway, and the agent should ascertain definitely at which point the shipper desires delivery to be made. The live-stock contract must then be filled out so as to show the correct destination and rate as provided by the tariff and amendments.

Care must also be taken to have the stock correctly billed, either to Corwith, in Chicago, or Union Stock Yards at Chicago, or industries located on the Union Stock Yards Railway or the Indiana State Line Railway, as designated by the shipper, and the correct rate shown in the billing.

Bills of lading covering freight to and from the Union Stock Yards, or industries located on the Union Stock Yards Railway or the Indiana State Line Railway, must provide for the above terminal charges.

In waybilling shipments destined to or coming from the Union Stock Yards, etc., the terminal charges, if any, must be shown separately in the freight columns.

LUMBER.

Soft-lumber rates will apply on the following articles, in straight or mixed C. L.:

Basswood, beech, birch, cottonwood, cypress, elm, gum, maple, or pine lumber; also on the following articles when manufactured from the foregoing named woods:

Base boards.
Bed slats.
Blocks, corner and base.
Blocks, head and plinth.
Box lumber or shooks, including scarfed berry box material, in bundles or racks.
Carpenters' moldings.
Casing.
Combined lath and sheathing.
Fence posts.
Guttering, rough.
Lath, pine.
Lumber (including ceiling), flooring (except wood carpet), wainscoting, match blocks, and circus seats (not upholstered or with backs).
Paving blocks.
Pickets.
Piles.
Sawdust.
Shingles.
Spools (for barbed wire), K. D.
Telegraph and telephone poles.
Well tubing.
Window stools, aprons, and hoods.

Articles taking higher than soft-lumber rates.—The following articles, when loaded in straight or mixed C. L., will take 1 cent per 100 lbs. above the soft-lumber rates. *When loaded with articles taking soft-lumber rates, they will take 3 cents* over the soft-lumber rates on the actual weight of such articles, provided they are specified on the shipping tickets.

if not so specified the regular L. C. L. rating will apply, it being understood that the minimum weight governing on soft lumber will apply in each instance:

Angle beads.
Astragals.
Balusters.
Balustrade work.
* Base boards.
Blinds, inside and outside.
* Blocks, corner and base.
* Blocks, head and plinth.
* Carpenters' moldings.
* Casing.
Closet fittings.
Closet seats.
Closet tanks.
Corner beads.
Cornice brackets.
Cresting.
Door jambs.
Doors, glazed with common window glass or unglazed (if glazed, released).
Doors, panel.
Doors, screen.
Gable ornaments.
Grille work.
Interior trimmings.
Panel jambs.
Panel, wainscoting and ceiling.
Pantry fittings.
Pilasters.
Porch newels.
Porch and piazza columns.
Porch railing.
Porch work.
Portiere work.
Rosettes.
Sash, glazed with common window glass or unglazed (if glazed, released).
Scroll work.
Shelves.
Shutters, inside and outside.
Spindles.
Stair work (newels, risers, treads, railings, balusters and post ornaments), K. D.
Store fronts.
Turned work.
* Wainscoting.
Wash tub covers.
Window, door, blind, and screen frames, set up or K. D.
Windows, screen.
* Window stools, aprons, and hoods.

* Applies when manufactured from woods other than those enumerated as taking soft lumber rates.

Minimum weights.

GRAIN, C. L.

Item.	On—	In cars (length, inside measurement).	Minimum weight to apply.
		Feet.	
1	Grain, any kind, when loaded to top of lining of car	30 and under	Actual weight.
2	Ear corn, when loaded to full visible capacity	Any length	Actual weight.

3	Oats and barley	30 and under	30,000 lbs., except where less under terms Item No. 1.
4		Over 30	40,000 lbs.
5	Wheat, rye, and shelled corn	30 and under	Marked capacity of car, except where less under terms Item No. 1.
6		Over 30	Marked capacity of car.

LUMBER, C. L.

In cars 30 feet and under (inside measurement), 20,000 lbs.
Cars over 30 feet and under 34 feet (inside measurement), 24,000 lbs.
Cars 34 feet and over (inside measurement), 30,000 lbs.

HAY, C. L.

In cars 30 feet and under in length (inside measurement) ..... 16,000 lbs.
In cars over 30 feet to and including 34 feet in length (inside measurement) ..... 19,000 "
In cars over 34 feet in length (inside measurement) ..... 20,000 "

NOTE.—When a car is loaded to its full capacity, the rule as to minimum weights will be waived, and actual weight, provided it is not less than 20,000 lbs., will be accepted.

The minimum weight on soft coal in open cars will be the marked capacity of the car, except where cars are loaded to their full visible or space carrying capacity, in which case actual weight will govern.

Minimum weight on soft coal in box or stock cars will be 40,000 lbs., except that when cars are loaded to their full space or visible capacity, and notation to that effect is made on way-bill, actual weight will obtain.

DEFENDANT'S EXHIBIT 154—PAGE 17.

Amendment No. 1 to "Santa Fe System" Tariff No. 7100.

THE ATCHISON, TOPEKA & SANTA FE RAILWAY

In connection with

CHICAGO TERMINAL TRANSFER R R.
CLEVELAND, CINCINNATI, CHICAGO & ST. LOUIS RY.
(Kankakee & Seneca Branch.)
ELGIN, JOLIET & EASTERN RY.
INDIANA, ILLINOIS & IOWA R. R.
PEORIA & PEKIN TERMINAL RY.
PEORIA & PEKIN UNION RY.

Applying on

CLASSES AND COMMODITIES

Between

CHICAGO, ILL., AND POINTS TAKING SAME RATES,

and

STATIONS ON ATCHISON, TOPEKA & SANTA FE RAILWAY IN ILLINOIS,

Governed by Illinois Classification.

When the rates and classification conflict, the former will govern.

COMPETITIVE TRAFFIC.

Governed by rules and conditions of "Santa Fe System" Circular No. 2024–A (W. T. L. Comm. Rules No. 5).

Special Notice.

Storage and demurrage charges.—For storage and demurrage charges on shipments destined to points on A., T. & S. F. Ry., see "Santa Fe System" Circular No. 2060. Shipments destined to points on other lines will be subject to storage and demurrage rules of delivering line.

Issued April 4, 1904.

Effective April 10, 1904.

W. B. BIDDLE,
F. T. M., "Santa Fe System," Chicago, Ill.

J. E. GORMAN,
G. F. A., A. T. & S. F. Ry., Topeka, Kan.

F. H. MANTER,
A. G. F. A., A., T. & S. F. Ry., Chicago, Ill.

Issued by
C. W. COOK,
A. G. F. A., A., T. & S. F. Ry., Topeka, Kan.

Hall-3-04-1000—34363

The following stamp appears upon this sheet:

RECEIVED
Jun 17 1904
ANS
H. E. Felton

DEFENDANTS' EXHIBIT 154—PAGE 18.

[Page 2 of Amendment No. 1.]

34363. 2. Amendment No. 1.

Application of rates.

Roads.	Stations.	Route via—	Rates to apply. From and to A., T. & S. F. Ry. stations. Carloads.	Less carloads.
Chicago Terminal Transfer R. R.	Whiting.....Ind.	McCook.....Ill.	Between Chicago, Ill., and stations west of McCook, Ill.	Between Chicago, Ill., and stations west of McCook, Ill.

Item No.	On.	From—	To—	Rate in cents per 100 lbs.
163 cancels 50	Wire, plain, iron or steel, barbed wire, staples, and hay bale ties, straight or mixed carloads.	Joliet.....Ill. Lemont..... " Lockport..... "	Chicago.....Ill.	3

Item No.	Commodities, C. L. Minimum weight 30,000 lbs., except when marked capacity of car is less, in which event marked capacity of car will govern.	Between Chicago, Ill., and Pekin, Ill. Rates in cents per 100 lbs. (Unless otherwise noted.)
164	Ammonia (westbound).....	13
165	Apples, green; melons, onion sets, vegetables, and potatoes. Min. wt. 24,000 lbs.....	9
166 cancels 91	Beer, owner's risk, min. wt. on straight C. L. in wood 20,000 lbs. On other shipments 24,000 lbs.....	12
167	Brick (westbound).....	4
168	Flax and millet seed.....	7

169	Grain products	6
170	Grape sugar, min. wt. 40,000 lbs. (eastbound)	6
171 cancels 106	Iron, pig, and billets, min. wt. 17 gross tons (westbound)	100 per gross ton.
172 cancels 111	Liquors, C. L., in wood, min. wt. 30,000 lbs	9
173 cancels 112	Liquors, L. C. L., in wood	20
174 cancels 121	Pipe, iron, and fittings	8
175 cancels 123	Rails, railroad, iron or steel, min. wt. 15 gross tons, per gross ton; also angle bars, bolts and fastenings, frogs, nuts, nut locks, rail braces, spikes, and splices, per net ton, min. wt. 15 net tons	$1.20
176	Shavings, min. wt. 28,000 lbs. straiht or mixed C. L. (westbound)	6

Amendment No. 9 to "Santa Fe System" Tariff No. 7100.

(Cancels previous amendments.)

THE ATCHISON, TOPEKA & SANTA FE RAILWAY,

In connection with

BALTIMORE & OHIO R. R.
BELT RY. OF CHICAGO.
CHICAGO & EASTERN ILLINOIS R. R.
CHICAGO, INDIANAPOLIS & LOUISVILLE RY.
CHICAGO JUNCTION RY.
CHICAGO, LAKE SHORE & EASTERN RY.
CHICAGO, ROCK ISLAND & PACIFIC RY.
CHICAGO TERMINAL TRANSFER R. R.
CHICAGO, WEST PULLMAN & SOUTHERN RY.
CLEVELAND, CINCINNATI, CHICAGO & ST. LOUIS RY. (KANKAKEE & SENECA BRANCH.)
ELGIN, JOLIET & EASTERN RY.
ERIE R. R.
HASTINGS EXPRESS CO.
ILLINOIS CENTRAL R. R.
ILLINOIS, IOWA & MINNESOTA RY.
ILLINOIS NORTHERN RY.
INDIANA HARBOR R. R.
INDIANA, ILLINOIS & IOWA R. R.
LAKE SHORE & MICHIGAN SOUTHERN RY.
MERCHANTS LIGHTERAGE CO.
MICHIGAN CENTRAL R. R.
MICHIGAN, ILLINOIS & INDIANA LINE.
NEW YORK, CHICAGO & ST. LOUIS R. R.
PENNSYLVANIA CO.
PEORIA AND PEKIN TERMINAL RY.
PEORIA AND PEKIN UNION RY.
PITTSBURG, CINCINNATI, CHICAGO & ST. LOUIS RY.
WABASH R. R.

Applying on

CLASSES AND COMMODITIES

Between

CHICAGO, ILL., AND POINTS TAKING SAME RATES,

and

STATIONS ON ATCHISON, TOPEKA & SANTA FE RAILWAY IN ILLINOIS.

Governed by Illinois Classification.

When the Rates and Classification conflict, the former will govern.

Governed by Rules and Conditions of "Santa Fe System" Circular No. 2024-A (W. T. L. Com. Rules No. 5).

Special notice.

Storage and demurrage charges.—For Storage and Demurrage Charges on shipments destined to points on A. T. & S. F. Ry., see "Santa Fe System" Circular No. 2060. Shipments destined to points on other lines will be subject to storage and demurrage rules of delivering line.

Issued March 22, 1905.

Effective March 28, 1905.
(Except as noted.)

J. E. GORMAN,
F. T. M., "Santa Fe System," Chicago, Ill.

F. B. HOUGHTON,
A. F. T. M., "Santa Fe System," Chicago, Ill.

Issued by

F. H. MANTER,
A. G. F. A., A. T. & S. F. Ry., Chicago, Ill.

C. W. COOK,
A. G. F. A., A. T. & S. F. Ry. Chicago, Ill.

The Henry O. Shepard Co., Printers, Chicago. (18524-1000)

The following rubber stamp appears upon this page:

RECEIVED
Nov 6 1905
Ans.....
H. E. FELTON

DEFENDANT'S EXHIBIT 154—PAGE 20.

[Page 2 of Amendment No. 9.]

ADD TO LIST OF LINES PARTIES TO TARIFF.

Baltimore & Ohio R. R.
Belt Ry. of Chicago.
Chicago & Eastern Illinois R. R.
Chicago, Indianapolis & Louisville Ry.
Chicago Junction Ry.
Chicago, Lake Shore & Eastern Ry.
Chicago Terminal Transfer R. R.
Chicago, West Pullman & Southern Ry.
Erie R. R.
Hastings Express Co.
Illinois, Iowa & Minnesota Ry.
Illinois Northern Ry.
Indiana Harbor R. R.
Lake Shore & Michigan Southern Ry.
Merchants Lighterage Co.
Michigan Central R. R.
Michigan, Illinois & Indiana Line.
New York, Chicago & St. Louis R. R.
Pennsylvania Co.
Pittsburgh, Cincinnati, Chicago & St. Louis Ry.
Wabash R. R.

APPLICATION OF RATES.

Effective April 26, 1904. (Reissue)—Refer to page 3 of Tariff, "Application of Rates," in connection with Elgin, Joliet & Eastern Ry. and correct the wording under heading, "Rates to apply as follows." Rates between Chicago and stations west of Joliet, Ill., subject to minimum through rate of 5 cents per 100 lbs.

Roads.	Stations.	Route via—	Rates to apply. From and to A., T. & S. F. Ry. stations. Carloads.	Less carloads.
Baltimore & Ohio R. R. (Apply S. F. System Percentage Sheet No. 3308, or reissues.)	Brainerd.....Ill. East Chicago.....Ind. Indiana Harbor..... " . South Chicago..... " . Whiting.....Ind.	Chicago.....Ill.	Rates between Chicago and A., T. & S. F. stations. (See note, page 5.)	Rates between Chicago and A., T. & S. F. stations. (See note, page 5.)
Belt Ry. of Chicago (Apply S. F. System Percentage Sheet No. 3308, or reissues.)	Archer Ave..... " . Auburn Park..... " . Burnside..... " . Chandler..... " . Dolton..... " . Englewood..... " . Fernwood..... " . Hayford..... " . Hegewisch..... " . Kensington..... " . Pullman..... " . (Not including Pullman Co.'s charges.) Roseland..... " . South Chicago..... " . South Deering..... " .	Chicago.....Ill.	Rates between Chicago and A., T. & S. F. stations. (See note, page 5.)	.....

Chicago & Eastern Illinois R. R. (Apply S. F. System Percentage Sheet No. 3036-B, or reissues.)	Auburn Park " Burr Oak " Chicago Heights " Dolton " Englewood " Fernwood " Glenwood " Kensington " Oakdale " Roseland " South Holland " Steger " Thornton "	Chicago Ill.	Rates between Chicago and A., T. & S. F. stations. (See note, page 5.)	Rates between Chicaog and A., T. & S. F. stations. (See note, page 5.)
Chicago, Indianapolis & Louisville Ry (Apply S. F. System Percentage Sheet No. 3308, or reissues.)	Englewood " Hammond Ind.	Chicago Ill.	Rates between Chicago and A., T. & S. F. stations. (See note, page 5.)	Rates between Chicago and A., T. & S. F. stations. (See note, page 5.)
Chicago Junction Ry (Apply S. F. System Percentage Sheet No. 3308, or reissues.)	Archer Jct. Ill. Bellewood " Bluels land " Broadview " Calumet Park " Chappell " Chicago Ridge " Dolton " East Chicago Ind. Franklin Park Ill. Hammond Ind. Hegewisch Ill. Highlawn " La Grange " Manheim " Maywood " Melrose Park " South Chicago " Summit " West Hammond " West Grossdale " Whiting Ind. Wolf Lake Ill.	McCook Ill.	Rates between Chicago and A., T. & S. F. stations. (See note, page 5.)	.....

DEFENDANT'S EXHIBIT 154—PAGE 21.

[Page 3 of amendment No. 9.]

Roads.	Stations.	Route via.	Rates to apply. From and to A. T. & S. F. Ry. stations. Carloads.	Less carloads.
Chicago, Lake Shore & Eastern Ry. (Apply S. F. System Percentage Sheet No. 3316, or reissues.)	Buffington.....Ind. Indiana Harbor..... " . South Chicago.....Ill. Whiting.....Ind.	Joliet.....Ill.	Rates between Chicago and A. T. & S. F. stations. (See note, page 5.)	Rates between Chicago and A. T. & S. F. stations. (See note, page 5.)
Chicago, Rock Island & Pacific Ry. (Apply A. T. & S. F. Percentage Sheet No. 325, or reissues.)	Auburn Park.....Ill. Beverly Hills..... " . Blue Island..... " . Brainerd..... " . Burr Oak..... " . Englewood..... " . Morgan Park..... " . South Chicago..... " . Washington Heights.... " . West Pullman..... " .	Chicago.....Ill.	Rates between Chicago and A. T. & S. F. stations. (See note, page 5.)	Rates between Chicago and A. T. & S. F. stations. (See note, page 5.)
Chicago Terminal Transfer R. R. (Apply S. F. System Percentage Sheet No. 3076–A, or reissues.)	Altenheim..... " . Austin Park..... " . †Blue Island..... " . Brighton Park..... " . Chappell..... " . Chicago Ridge..... " . Chicago Clearing Yards . " . †Chicago Heights..... " . †East Chicago.....Ind. Forest Home.....Ill. Glenwood..... " . Hammond.....Ind. Harlem Race Track.....Ill. †Harvey..... " . Hegewisch..... " . *Morgan Park..... " . Riverdale..... " . Robey St. Dist..... " . Siemens..... " . 69th st..... " . South Chicago..... " . South Oak Park..... " . South Ridgeland..... " . Thornton Jct..... " . †Whiting.....Ind.	Carloads to or from Blue Island, Chicago Heights, East Chicago, Harvey, Riverdale or South Chicago via McCook, Ill., L. C. L., via Chicago, Ill. Carloads to or from other points via Corwith or McCook, Ill., L. C. L., via Chicago.	Rates between Chicago and A. T. & S. F. stations. (See note, page 5.)	†Rates between Chicago and A. T. & S. F. stations in Illinois, from stations marked † only. (See note, page 5.)

Chicago, West Pullman & Southern Ry. (Apply S. F. System Percentage Sheet No. 3247–A, or reissues.)	West Pullman.....Ill..	McCook or Corwith, Ill., and C. T. T. R. R. or via Chicago, Ill., and C. R. I. & P. Ry.	Rates between Chicago and A. T. & S. F. stations. (See note, page 5.)	Rates between Chicago and A. T. & S. F. stations. (See note, page 5.)
Erie R. R. (Apply S. F. System Percentage Sheet No. 3308, or reissues.)	Auburn Park.....“.. Englewood.....“.. Hammond.....Ind.. Hegewisch.....Ill..	Chicago.....Ill..	Rates between Chicago and A. T. & S. F. stations. (See note, page 5.)	Rates between Chicago and A. T. & S. F. stations. (See note, page 5.)
Hastings Express Co. (Apply S. F. System Percentage Sheet No. 3309, or reissues.)	Kensington.....“.. (West-bound only.)	Chicago.....Ill..	.....	Rates from Chicago to A. T. & S. F. stations subject to following minima on classes: $\frac{1}{35}$ $\frac{2}{25}$ $\frac{3}{18}$ $\frac{4}{14}$ on commodities taking less than class rates, 12½ cents per 100 lbs.
Illinois Central R. R. (Apply S. F. System Percentage Sheet No. 3188, or reissues.)	Blue Island.....“.. Burnside.....“.. Cheltenham.....“.. Grand Crossing.....“.. Harvey.....“.. Kensington.....“.. Matteson.....“.. New Chicago.....“.. Riverdale.....“.. South Chicago.....“.. South Shore.....“.. West Pullman.....“.. Windsor Park.....“..	Chicago.....Ill..	Rates between Chicago and A. T. & S. F. stations. (See note, page 5.)	Rates between Chicago and A. T. & S. F. stations. (See note, page 5.)

* No agent. Freight must be prepaid.

DEFENDANTS' EXHIBIT 154—PAGE 22.

[Page 4 of Amendment No. 9.

Roads.	Stations.	Route via—	Rates to apply— From and to A., T. & S. F. Ry. stations. Carloads.	Less carloads.
Illinois, Iowa & Minnesota Ry	Chase Ill. De Kalb " *Duffin " Kirkland " *Troxel " Wilkinson "	Joliet, Ill., E. J. & E. Ry. and Aurora, Ill.	Rates between Chicago and stations west of Joliet, Ill., except on grain and grain products.	Rates between Chicago and stations west of Galesburg, Ill.
Illinois Northern Ry (Apply S. F. System percentage sheet No. 3246-A, or reissues.)	McCormick, Ill., and industries on Illinois Northern Ry.	Corwith Ill.	Rates, between Chicago and A., T. & S. F. stations. (See note, page 5.)	
Indiana Harbor R. R (Apply S. F. System percentage sheet No. 3311, or reissues.)	Archer Jct Ill. Bellewood " Blue Island " Broadview " Calumet Park " Chappell " Chicago Ridge " Dolton " East Chicago Ind. Franklin Park Ill. Gibson Ind. Grasselli " Hammond " Hegewisch Ill. Highlawn " Indiana Harbor Ind. La Grange Ill. Maywood " Melrose Park " Osborn Ind. Republic " South Chicago Ill. Summit " West Hammond " Whiting Ind. Wolf Lake "	McCook Ill.	Rates between Chicago and A., T. & S. F. stations. (See note, page 5.)	

Lake Shore & Michigan Southern Ry..... (Apply S F. System percentage sheet No. 3308, or reissues.)	Colehour.....Ill. Englewood..... " Grand Crossing..... " Indiana Harbor.....Ind. South Chicago.....Ill. Whiting.....Ind.	Chicago.....Ill.	Rates between Chicago and A., T. & S. F. stations. (See note, page 5.)	Rates between Chicago and A., T. & S. F. stations. (See note, page 5.)
Merchants Lighterage Co..... (Apply S. F. System percentage sheet No. 3310, or reissues.)	All industries at Chicago, Ill., reached by Merchants Lighterage Co. (West-bound only.)	Corwith, Ill., and C. T. T. R. R.	Rates from Chicago to A., T. & S. F. stations, except on commodities named in note on page 5.	Rates between Chicago and A., T. & S. F. stations, except on commodities named in note on page 5.
Michigan Central R. R..... (Apply S. F. System percentage sheet No. 3312, or reissues.)	Chicago Heights.....Ill. East Chicago (C. L. only).....Ind. Frankfort.....Ill. Hammond.....Ind. Hegewisch (C. L. only)..Ill. Matteson..... " Spencer..... " Steele..... "	Corwith, Ill., to or from East Chicago, Hammond, or Hegewisch. Via Chicago or Joliet to or from Chicago Heights. Via Joliet, Ill., to or from other points.	Rates between Chicago and A., T. & S. F. stations. (See note, page 5.)	Rates between Chicago and A., T. & S. F. stations. (See note, page 5.)
New York, Chicago & St. Louis R. R..... (Apply S. F. System percentage sheet No. 3308, or reissues.)	Englewood..... " Grand Crossing..... " Hammond.....Ind. Hegewisch.....Ill. Stony Island..... "	Chicago.....Ill.	Rates between Chicago on A., T. & S. F. stations. (See note, page 5.)	Rates between Chicago and A., T. & S. F. stations. (See note, page 5.)
Pennsylvania Co..... (Apply S. F. System percentage sheet No. 3308, or reissues.)	Colehour..... " East Chicago.....Ind. Englewood.....Ill. Grand Crossing..... " Hammond.....Ind. Hegewisch.....Ill. Indiana Harbor.....Ind. Park Manor..... " South Chicago..... " Whiting.....Ind.	Chicago.....Ill.	Rates between Chicago and A., T. & S. F. stations. (See note, page 5.)	Rates between Chicago and A., T. & S. F. stations. (See note, page 5.)

* No agent. Freight must be prepaid.

DEFENDANTS' EXHIBIT 154—PAGE 23.

[Page 5 of Amendment No. 9.]

Roads.	Stations.	Route via—	Rates to apply	
			From and to A. T. & S. F. Ry. stations.	
			Carloads.	Less carloads.
Pittsburgh, Cincinnati, Chicago & St. Louis Ry. (Apply S. F. System Percentage Sheet No. 3308, or reissues.)	Bernice.....Ill. Dolton..... " Riverdale..... " Washington Heights.... " West Pullman..... "	Chicago.....Ill.	Rates between Chicago and A. T. & S. F. stations. (See note below.)	Rates between Chicago and A. T. & S. F. stations. (See note below.)
Wabash R. R. (Apply A. T. & S. F. Percentage Sheet No. 432, or reissues.)	East Chicago.....Ind. Hammond..... " Englewood.....Ill. Hegewisch..... "	Chicago.....Ill.	Rates between Chicago and A. T. & S. F. stations. (See note below.)	Rates between Chicago and A. T. & S. F. stations. (See note below.)

NOTE.—Will not apply on coal, coke, salt, grain, grain products, live stock, hay, ice, cement, lime, plaster, stucco, stone, lumber, and articles taking lumber rates or arbitraries higher, and will be subject to following minimum through rates:

On classes.	1	2	3	4	5	6 or A	7 or B	8 or C	9 or D	10 or E	On commodities taking less than class rates.	
											C. L.	L. C. L.
Cents per 100 lbs	35	25	18	14	13	12	10	8.65	6.91	6.22	6	12½

Special commodity rates.

BETWEEN CHICAGO AND LEMONT, LOCKPORT, AND JOLIET, ILL.

Item. No.	Commodities, C. L. Minimum weight, 30.000 lbs., unless otherwise specified.	Rates in cents per 100 lbs. unless otherwise noted.
212 cancels 177	Effective September 1, 1904. (Reissue.) Coal (hard or soft), coke, cinders	2½
213 cancels 21, 201	Effective October 29, 1904. (Reissue.) Iron, merchant, viz: Bar, band, beams, boiler, boiler braces, boil-heads, channels, crabs, lugs (steel), manhole tops and covers, pipe flanges; rivets, hoop, plate, and sheet; axles, bolts, chain, harrow or rake teeth, hay-bale ties, horse or mule shoes, malleable castings, nails and spikes, nuts, pipe, and couplings, plow beams, plow points and plow wings, plow wheels, sash weights, seats for agricultural implements, shafting, sled knees, sleigh shoes, structural iron, thimble skeins, toe calks, washers, wheels, wire and wire rods, in straight or mixed carloads; also staples in straight carloads or in mixed carloads with wire	4
214 cancels 23, 178	Effective September 1, 1904. (Reissue.) Iron, scrap	2½
215 cancels 49, 179	Effective September 1, 1904. (Reissue.) Tin, scrap	2½
216 cancels 53, 180	Effective September 1, 1904. Wire, scrap	2½
217 cancels 50, 181	Effective April 10, 1904. (Reissue.) Wire, plain, iron or steel, barbed wire, staples and hay-bale ties, straight or mixed carloads (eastbound only)	3

BETWEEN CHICAGO AND STREATOR, ILL.

	Commodities, C. L. Minimum weight, 30,000 lbs., except when marked capacity of car is less, in which event marked capacity of car will govern.	
218 cancels 202	Beer minimum 24,000 lbs. (westbound)	10

DEFENDANTS' EXHIBIT 154—PAGE 24.

[Page 6 of Amendment No. 9.]

Special commodity rates—Continued.

BETWEEN CHICAGO AND STREATOR, ILL.

Item No.	Commodities, C. L. Minimum weight 30,000 lbs., except when marked capacity of car is less, in which event marked capacity of car will govern.	Rates in cents per 100 lbs., unless otherwise noted.
219 amends 60 cancels 203	Effective January 23, 1905. (Reissue.) Brick, minimum weight capacity of car, per net ton (eastbound)	50
220 cancels 204	Effective January 23, 1905. (Reissue.) Coke, gas, per net ton (eastbound)	65
221 cancels 205	Effective October 20, 1904. (Reissue.) Crates, banana, minimum weight 20,000 lbs. (eastbound)	7½
222 cancels 69, 206	Effective January 23, 1905. (Reissue.) Hides (green), pelts, grease, and tallow	7
223 cancels 76, 208	Effective January 23, 1905. (Reissue.) Oil, petroleum, and its products (westbound)	5
224 cancels 209	Effective January 23, 1905. (Reissue.) Tin, scrap	5

BETWEEN CHICAGO AND PEKIN, ILL.

225 cancels 182	Effective April 10, 1904. (Reissue.) Ammonia (westbound)	18

226 cancels 183	Effective April 10, 1904. (Reissue.) Apples, green; melons, onion sets, vegetables, and potatoes..... Minimum weight, 24,000 lbs.	9
227 cancels 91, 184	Effective April 10, 1904. (Reissue.) Beer, owner's risk..... Minimum weight on straight C. L., in wood, 20,000 lbs. On other shipments, 24,000 lbs.	12
228 cancels 185	Effective April 10, 1904. (Reissue.) Brick (westbound).....	4
229 cancels 101, 186	Effective September 1, 1904. (Reissue.) Cans, galvanized iron garbage..... Minimum weight, 20,000 lbs. (eastbound).	Cancel rate.
230 cancels 130, 187	Effective September 1, 1904. (Reissue.) Feed, wet, glucose and mill..... Minimum weight, 40,000 lbs.	5
231 cancels 188	Effective September 1, 1904. (Reissue.) Flax and millet seed.....	7

DEFENDANT'S EXHIBIT 154—PAGE 25.

[Page 7 of Amendment No. 9.]

Special commodity rates—Continued.

BETWEEN CHICAGO AND PEKIN, ILL.

Item No.	Commodities, C. L. Minimum weight 30,000 lbs., except when marked capacity of car is less, in which event marked capacity of car will govern.	Rates in cents per 100 lbs., unless otherwise noted.
232 cancels 189	Effective April 10, 1904. (Reissue.) Grain products	6
233 cancels 106, 191	Effective April 10. 1904. (Reissue.) Iron, pig and billets, per gross ton Minimum weight 17 gross tons. (Westbound.)	$1.00
234 cancels 111, 192	Effective April 10, 1904. (Reissue.) Liquors, in wood Minimum weight 30,000 lbs.	9
235 cancels 112, 193	Effective April 10, 1904. (Reissue.) Liquors, L. C. L., in wood	20
236 cancels 121, 194	Effective April 10, 1904. (Reissue.) Pipe, iron and fittings	8
237 cancels 123, 195	Effective April 10, 1904. (Reissue.) Rails, railroad, iron or steel, min. wt. 15 gross tons, per gross ton; also angle bars, bolts and fastenings, frogs, nuts, nut-locks, rail braces, spikes and splices, per net ton Minimum weight 15 net tons.	$1.20
238 cancels 190, 210	Effective October 20, 1904. (Reissue.) Sugar, grape	6

MISCELLANEOUS COMMODITY RATES.

Item No.	On—	Between—	And—	Rates in cents per 100 lbs.
239 cancels 211	Effective November 12, 1904. (Reissue.) Castings, L. C. L.	Galesburg	Streator, Ill	15
240 cancels 196	Effective September 1, 1904. (Reissue.) Iron, structural, C. L. Min. wt. 30,000 lbs. (Westbound) (via E. J. & E. Ry. and Joliet, Ill.)	Aurora, Ill	Galesburg, Ill	8

7

DEFENDANT'S EXHIBIT 154—PAGE 26.

[Page 8 of Amendment No. 9.]

MAXIMUM RATES.

Effective September 27, 1904. (Reissue.) Cancel the maximum rates between Chicago, Corwith, etc., and stations Edelstein to East Fort Madison, shown on page 11 of Tariff (Items Nos. 153 to 157 inclusive). The maximum rates to be charged between the above-named stations will be the rates shown to or from Fort Madison, Iowa, in Santa Fe System Tariff No. 5571 or reissues.

FURNISHING LIVE STOCK EQUIPMENT.

The A. T. & S. F. Ry. Co. has no cars of shorter length than 33 feet 6 inches, inside measurement, capable of transporting live stock shipments, therefore will decline to furnish live stock equipment of shorter lengths than 33 feet 6 inches. All provisions for computing charges on shipments of live stock, in carloads, heretofore authorized for the short length of obsolete equipment referred to above are hereby made void.

8

Amendment No. 10 to "Santa Fe System" Tariff No. 7100.

(Amendment No. 9 in effect.)

THE ATCHISON, TOPEKA & SANTA FE RAILWAY

in connection with

BALTIMORE & OHIO R. R.
BELT RY. OF CHICAGO.
CHICAGO & EASTERN ILLINOIS R. R.
CHICAGO, INDIANAPOLIS & LOUISVILLE RY.
CHICAGO JUNCTION RY.
CHICAGO, LAKE SHORE & EASTERN RY.
CHICAGO, ROCK ISLAND & PACIFIC RY.
CHICAGO TERMINAL TRANSFER R. R.
CHICAGO, WEST PULLMAN & SOUTHERN RY.
CLEVELAND, CINCINNATI, CHICAGO & ST. LOUIS RY. (KANKAKEE & SENECA BRANCH.)
ELGIN, JOLIET & EASTERN RY.
ERIE R. R.
HASTINGS EXPRESS CO.
ILLINOIS CENTRAL R. R.
ILLINOIS, IOWA & MINNESOTA RY.
ILLINOIS NORTHERN RY.
INDIANA HARBOR R. R.
INDIANA, ILLINOIS & IOWA R. R.
LAKE SHORE & MICHIGAN SOUTHERN RY.
MERCHANTS LIGHTERAGE CO.
MICHIGAN CENTRAL R. R.
MICHIGAN, ILLINOIS & INDIANA LINE.
NEW YORK, CHICAGO & ST. LOUIS R. R.
PENNSYLVANIA CO.
PEORIA & PEKIN TERMINAL RY.
PEORIA & PEKIN UNION RY.
PITTSBURGH, CINCINNATI, CHICAGO & ST. LOUIS RY.
WABASH RAILROAD.

Applying on

CLASSES AND COMMODITIES

between

CHICAGO, ILL., AND POINTS TAKING SAME RATES

and

STATIONS ON ATCHISON, TOPEKA & SANTA FE RAILWAY IN ILLINOIS.

Governed by Illinois Classification.

When the Rates and Classification conflict, the former will govern.

COMPETITIVE TRAFFIC.

Governed by Rules and Conditions of "Santa Fe System" Circular No. 2024–B (W. T. L. Com. Rules No. 6).

Special notice.

Storage and demurrage charges.—For storage and demurrage charges on shipments destined to points on A. T. & S. F. Ry., see "Santa Fe System" Circular No. 2060–A. Shipments destined to points on other lines will be subject to storage and demurrage rules of delivering lines.

Issued August 1, 1905. Effective August 5, 1905.

J. E. GORMAN,
F. T. M., "Santa Fe System," Chicago, Ill.

F. H. MANTER,
A. G. F. A., A. T. & S. F. Ry., Chicago, Ill.

Issued by

F. B. HOUGHTON,
A. F. T. M., "Santa Fe System," Chicago, Ill.

C. W. COOK,
A. G. F. A., A. T. & S. F. Ry., Chicago, Ill.

The Henry O. Shepard Co., Printers, Chicago. (21920–1000.)

The following stamp appears upon this page:

RECEIVED
Nov 6 1905
Ans.
H. E. FELTON

DEFENDANT'S EXHIBIT 154—PAGE 28.

[Page 2 of Amendment No. 10.]

Application of rates.

Roads.	Stations.	Route via—	Rates to apply. From and to A. T. & S. F. Ry. stations.	
			Carloads.	Less carloads.
Baltimore & Ohio R. R	Brainerd.....Ill. East Chicago.....Ind. Indiana Harbor..... " . South Chicago.....Ill. Whiting.....Ind.	Chicago.....Ill.	Cancel rates. Combination of locals will apply.	Cancel rates. Combination of locals will apply.
Chicago, Indianapolis & Louisville Ry	Englewood.....Ill. Hammond.....Ind.	Chicago.....Ill.	Cancel rates. Combination of locals will apply.	Cancel rates. Combination of locals will apply.
Chicago, Lake Shore & Eastern Ry. (Apply S. F. System Percentage Sheet No. 3312, or reissues.)	Buffington.....Ind. Indiana Harbor..... " . *South Chicago.....Ill. Whiting.....Ind.	Joilet.....Ill.	Rates between Chicago and A. T. & S. F. stations. (See note, page 5, Amendment 9.)	Rates between Chicago and A. T. & S. F. stations. (See note, page 5, Amendment 9.)
Michigan Central R. R. (Apply S. F. System Percentage Sheet No. 3312, or reissues.)	Chicago Heights.....Ill. Frankfort..... " . Hammond.....Ind. Matteson.....Ill. Spencer..... " . Steele..... " .	Corwith, Ill., to or from East Chicago, Hammond, or Hegewisch..... Via Chicago or Joliet to or from Chicago Heights..... Via Joliet, Ill., to or from other points.....	Rates between Chicago and A. T. & S. F. stations. (See note, page 5, Amendment 9.)	Rates between Chicago and A. T. & S. F. stations. (See note, page 5, Amendment 9.)

* Will also apply on shipments of cement from South Chicago, Ill.

Index No.	From Chicago, Ill., to—		Rates in cents per 100 pounds, on classes.									
			1st class.	2d class.	3d class.	4th class.	5th class.	6th class.	7th class.	8th class.	9th class.	10th class.
20	*Gorman	Ill.	31	25	18	13	12	11.05	10	7.71	6.16	5.55
21	Mazon	"	31	25	18	13	12	11.05	10	7.71	6.16	5.55
22	Verona	"	31	25	18	14	12	11.28	10	7.9	6.16	5.67
23	Kinsman	"	32	25	18	14	12	11.51	10	8.08	6.44	5.8
24	Ransom	"	32	25	18	14	12	11.75	10	8.27	6.58	5.92
25	Kernan	"	32	25	18	14	12	11.98	10	8.46	6.77	6
26	Streator	"	32	25	18	14	12.5	12	10	8.65	6.91	6.22
28	Moon	"	32	25	18	14	12.5	12	10	8.84	7	6.22
29	Ancona	"	32	25	18	14	12.5	12	10	8.84	7	6.22
30	Leeds	"	34	25	19	14	12.75	12	10	9	7	6.22
31	*Caton	"	34	25	21	15	12.75	12	10	9	7	6.22
32	Toluca	"	34	27	23	16	12.75	12	11	9.4	7.52	6.77
33	La Rose	"	34	28	23.5	16.5	13	12	11	9.59	7.66	6.8
34	Wilbern	"	37	30	24	18	14	12	11	9.59	7.66	6.89
35	Holton	"	37	30	24	18	14	12	11	10	8.08	7.27
36	Chillicothe	"	37	30	24	18	14	12	11	10	8.08	7.27
37	*North Hampton	"	37	30	24	18	14	12	11	10	8.22	7.41
38	Edelstein	"	37	30	24	18	14	12	11	10	8.22	7.41
61	Long Point	"	33	26.5	21	15.25	12.5	12	10	8.84	7	6.22
62	Dana	"	33	26.5	22	15.25	12.5	12	11	8.84	7	6.22
63	Minonk	"	33	26.5	22	15.25	12.5	12	11	8.84	7	6.22
64	Benson	"	34	28	23.5	16.5	13	12	11	9.59	7.66	6.89
65	Roanoke	"	34	28	23.5	16.5	13	12	11	9.78	7.8	7.03
66	*Streator Jct	"	35.5	29.5	24	17.5	14	12	11	10	8.08	7.27
67	Eureka	"	35.5	29.5	24	17.5	14	12	11	10	8.08	7.27
68	*Pekin Jct	"	35.5	29.5	24	17.5	14	12	11	10	8.22	7.41
69	Washington	"	35.5	29.5	24	17.5	14	12	11	10	8.22	7.41
70	*Cooper	"	35.5	29.5	24	17.5	14	12	11	10	8.27	7.5
71	Crandall	"	35.5	29.5	24	17.5	14	12	11	10	8.27	7.5
72	Morton	"	35.5	29.5	24	17.5	14	12	11	10	8.46	7.5
73	Groveland	"	35.5	29.5	24	17.5	14	12	11	10	8.46	7.5
74	Pekin	"	37	30	24	18	14	12	11	10	8.5	7.5

* No agent. Freight must be prepaid.

DEFENDANT'S EXHIBIT 154—PAGE 29.

[Page 3 of amendment No. 10.]

Change * Patterson, Ill. (Index No. 12), to read * Plaines, Ill.
Change * Coal Branch Jct., Ill. (Index No. 18), to read * Pequot, Ill.
Eliminate * Holland, Ill. (Index No. 27), account station abandoned.
Insert * before Cooper, Ill. (Index No. 70).

Special commodity rates.

Item No.	Commodities, C. L. Minimum weight 30,000 lbs., unless otherwise specified.	Rates in cents per 100 lbs. (unless otherwise noted).
241 cancels 16.	*Between Chicago and Lemont, Lockport and Joliet, Ill.* Hay	Cancel item. Class rates will apply.
242 amends 60, cancels 219.	*Between Chicago and Streator, Ill.* Brick, C. L., minimum weight capacity of car, per net ton (eastbound to A. T. & S. F. Ry. stations only)	50

Miscellaneous commodity rates.

Item No.	On—	From—	To—	Rates in cents per 100 lbs.
243	Brick destined east of Indiana-Illinois State line, C. L., minimum weight capacity of cars	Galesburg, Ill.	Chicago, Ill. McCook, " Joliet, "	4

Amendment No. 12 to "Santa Fe System" Tariff No. 7100.

(Cancels Amendment No. 11; Amendments Nos. 9 and 10 in effect.)

THE ATCHISON, TOPEKA & SANTA FE RAILWAY,

In connection with

BELT RY. OF CHICAGO.
CHICAGO & EASTERN ILLINOIS R. R.
CHICAGO JUNCTION RY.
CHICAGO, LAKE SHORE & EASTERN RY.
CHICAGO, ROCK ISLAND & PACIFIC RY.
CHICAGO TERMINAL TRANSFER R. R.
CHICAGO, WEST PULLMAN & SOUTHERN RY.
CLEVELAND, CINCINNATI, CHICAGO & ST. LOUIS RY. (KANKAKEE & SENECA BRANCH.)
ELGIN, JOLIET & EASTERN RY.
ERIE R. R.
HASTINGS EXPRESS CO.
ILLINOIS CENTRAL R. R.
ILLINOIS, IOWA & MINNESOTA RY.
ILLINOIS NORTHERN RY.
INDIANA HARBOR R. R.
INDIANA, ILLINOIS & IOWA R. R.
LAKE SHORE & MICHIGAN SOUTHERN RY.
MERCHANTS LIGHTERAGE CO.
MICHIGAN CENTRAL R. R.
MICHIGAN, ILLINOIS & INDIANA LINE.
NEW YORK, CHICAGO & ST. LOUIS R. R.
PENNSYLVANIA CO.
PEORIA & PEKIN TERMINAL RY.
PEORIA & PEKIN UNION RY.
PITTSBURGH, CINCINNATI, CHICAGO & ST. LOUIS RY.
WABASH RAILROAD.

Applying on

CLASSES AND COMMODITIES

Between

CHICAGO, ILL., AND POINTS TAKING SAME RATES,

And

STATIONS ON ATCHISON, TOPEKA & SANTA FE RAILWAY IN ILLINOIS.

Governed by Illinois classification.

When the rates and classification conflict, the former will govern.

COMPETITIVE TRAFFIC.

Governed by rules and conditions of "Santa Fe System" Circular No. 2024–B (W. T. L. Com. Rules No. 6).

Special Notice.

Storage and demurrage charges.—For storage and demurrage charges on shipments destined to points on A. T. & S. F. Ry., see "Santa Fe System" Circular No. 2060–B. Shipments destined to points on other lines will be subject to storage and demurrage rules of delivering lines.

Issued October 24, 1905.

Effective at once.
(Except as noted.)

J. E. GORMAN,
F. T. M., "Santa Fe System," Chicago, Ill.

F. B. HOUGHTON,
A. F. T. M., "Santa Fe System," Chicago, Ill.

F. H. MANTER,
A. G. F. A., A., T. & S. F. Ry., Chicago, Ill.

Issued by

C. W. COOK,
A. G. F. A., A., T. & S. F. Ry., Chicago, Ill.

The Henry O. Shepard Co., Printers, Chicago. (24463—1000)

The following stamp appears on this page:

RECEIVED
Nov 6 1905
Ans
H. E. Felton

DEFENDANT'S EXHIBIT 154—PAGE 31.

[Page 2 of Amendment No. 12.]

Application of rates.

INDIANA HARBOR R. R.

Effective September 13, 1905. (Reissue.)—Chicago rates will also apply on L. C. L. shipments from and to Indiana Harbor R. R. stations named in Amendment No. 9, page 4, via Chicago or McCook, Ill. (See note in Amendment No. 9, on page 5.)

Index No.	To Chicago, Ill., from—	Rates in cents per 100 pounds, on classes.									
		1st class.	2d class.	3d class.	4th class.	5th class.	6th class.	7th class.	8th class.	9th class.	10th class.
74	Pekin, Ill.	37	30	24	18	14	12	11	10	8.5	7.5

Special commodity rates.

Item No.	Commodities, C. L. Minimum weight 30,000 lbs., unless otherwise specified.	Rates in cents per 100 lbs. (unless otherwise noted).
	Between Chicago and Lemont, Lockport and Joliet, Ill.	
215 cancels 49	Effective September 13, 1905. (Reissue.) Tin scrap, per gross ton of 2,240 lbs. Minimum weight 15 gross tons.	50
	Between Chicago and Streator, Ill.	
244	Go-carts, K. B. or folded flat, boxed or crated, L. C. L. (east-bound only)	35

Miscellaneous commodity rates.

Item No.	On—	From—	To—	Rates in cents per 100 lbs.
245	Coulter discs Min. C. L. wt. 30,000 lbs.	Galesburg, Ill.	Chicago, Ill.	C. L., 10 L. C. L., 15

On horses, C. L., in cars over 36 feet in length, charge one (1) per cent additional for every two feet or fraction thereof over 36 feet.

C. G. W. I. C. C. No. 1273.
Cancels I. C. C. No. 1258.

C. G. W. G. F. D. No. 7585.

Cancels G. F. D. No. 7551.

Chicago Great Western Railway.

Belt Railway Co. of Chicago,
Chicago Terminal Transfer R R,
Michigan Central R. R.,
Chicago & Eastern Illinois R. R.,
Illionis Central R. R.,

In connection with

Atchison, Topeka & Santa Fe Ry.,
Chicago, Rock Island & Pacific Ry.,
(Lines west of Missouri River),
Eastern Ry. Co. of Minnesota,
Great Northern Ry.,
Gulf, Colorado & Santa Fe Ry.,
Iowa Central Ry.,
Kansas City, Fort Scott & Memphis R. R.,
Kansas City & Northern Connecting R. R.,
Kansas City Northwestern R. R.,
Kansas City Southern Ry.,
Leavenworth, Kansas & Western Ry.,
Leavenworth & Topeka Ry.,
Missouri, Kansas & Texas Ry.,
Missouri Pacific Ry.,
Northern Pacific Ry.,
Omaha, Kansas City & Eastern Ry.,
Omaha & St. Louis R. R.,
St. Joseph & Grand Island R. R.,
St. Louis & San Francisco R. R.
Union Pacific Ry.,
Winona & Western Ry.

JOINT FREIGHT TARIFF

(Except on coal, coke, salt, grain, grain products, flax and millet seed, live stock, hay, ice, lime, cement, plaster, stucco, stone, lumber, and articles taking same rates.)

Between

ALL STATIONS ON CHICAGO GREAT WESTERN RAILWAY, ST. CHARLES, ILL., AND WEST, ALSO STATIONS WEST OF MISSISSIPPI RIVER ON C. G. W. CONNECTIONS NAMED ABOVE,

and

Points named below:

Stations.	Located on lines numbered (see below).	Stations.	Located on lines numbered (see below).	Stations.	Located on lines numbered (see below).	Stations.	Located on lines numbered (see below).
Auburn Park.....Ill..	5	Frankfort.....Ill..	4	Kensington.....Ill..	3	Steele.....Ill..	4
Blue Island..... "	2-3	Grand Crossing..... "	3	Matteson..... "	4	West Harvey..... "	2
Chicago Heights..... "	1-2-4	Hammond.....Ind	2	Riverdale..... "	2-3	West Pullman..... "	2-3
East Chicago..... "	2	Hegewisch.....Ill	2	South Chicago..... "	2-3-5	Whiting.....Ind	2
Englewood..... "	5	Harvey..... "	2-3				

1.—C. & E. I. R. R. 2.—C. T. T. R. R. 3.—Ill. Cent. R. R. 4.—Mich. Cent. R. R. 5.—Belt, Ry.

Chicago tariff rates will apply, subject to the following minimum through rates:

Governed by the Western or Illinois Commissioners Classification.

CLASS RATES.

[In cents per 100 lbs.]

1	2	3	4	5	A or 6	B or 7	C or 8	D or 9	E or 10
35	25	18	14	13	12	10	3.65	6.91	6.22

Commodity rates.—Carloads, 6 cents per 100 lbs; less than car loads, 12½ cents per 100 lbs.
Minimum charge.—The minimum charge on small shipments to be the same as to or from Chicago.

Exceptions.

Belt Ry. of Chicago.—Rates to and from stations on the Belt Ry., viz., Auburn Park, Englewood, and South Chicago, will apply only on carload shipments.

Chicago Terminal Transfer R. R.—Rates to and from following stations on the C. T. T. R. R., viz., *Blue Island, East Chicago, Hammond, Hegewisch, Riverdale, and South Chicago, will apply on carload shipments.

* Will also apply on L. C. L. shipments westbound.

Way-billing instructions.—Agents will way-bill from or to Chicago as per percentage No. 762.

Taking effect July 18, 1901.

F. H. Tibbits,
Asst. General Freight Agent, St. Paul, Minn.

W. B. Martin,
Assistant General Freight Agent, St. Paul, Minn.

S. E. Stohr,
Assistant General Freight Agent, Chicago, Ill.

S. O. Brooks,
General Freight Agent, St. Paul, Minn.

C. R. Berry,
Assistant General Freight Agent, St. Joseph, Mo.

P. C. Stohr,
General Traffic Manager, St. Paul, Minn.

RECEIVED
Ap 20 1903
Ans———
H. E. Felton.

C. G. W. G. F. D. No. 12133

Cancels G. F. D. No. 7585.

CHICAGO GREAT WESTERN RAILWAY.

BELT RAILWAY CO. OF CHICAGO, CALUMET & SOUTHEASTERN RY.,
CHICAGO & EASTERN ILLINOIS R. R., CHICAGO, INDIANAPOLIS & LOUISVILLE RY., CHICAGO JUNCTION RY.,
CHICAGO, ROCK ISLAND & PACIFIC RY. (LINES EAST OF THE MISSOURI RIVER), CHICAGO TERMINAL TRANSFER R. R.,
CHICAGO, WEST PULLMAN & SOUTHERN RY., ILLINOIS CENTRAL R. R. (NORTHERN AND WESTERN LINES), ILLINOIS NORTHERN R. R.,
LAKE SHORE & MICHIGAN SOUTHERN RY., MICHIGAN CENTRAL R. R.,
NEW YORK, CHICAGO & ST. LOUIS RY., PENNSYLVANIA CO. (P. F. W. & C. RY.).

In connection with

ATCHISON, TOPEKA & SANTA FE RY.
COLFAX NORTHERN R. R.
CROOKED CREEK R. R.
CHICAGO, ROCK ISLAND & PACIFIC RY. (LINES WEST OF MISSOURI RIVER).
DES MOINES, IOWA FALLS & NORTHERN RY.
GREAT NORTHERN RY.
INTER-URBAN RY. CO.
IOWA CENTRAL RY.
KANSAS CITY, FORT SCOTT & MEMPHIS R. R.
KANSAS CITY SOUTHERN RY.
LEAVENWORTH & TOPEKA RY.
MANCHESTER & ONEIDA RY.
MASON CITY & CLEAR LAKE RY.
MINNEAPOLIS & ST. LOUIS RY.
MISSOURI, KANSAS & TEXAS RY.
MISSOURI PACIFIC RY.
NEWTON & NORTHWESTERN R. R.
NORTHERN PACIFIC RY.
QUINCY, OMAHA & KANSAS CITY R. R.
ST. JOSEPH & GRAND ISLAND R. R.
ST. LOUIS & SAN FRANCISCO R. R.
UNION PACIFIC R. R.
WABASH R. R.
WATERLOO, CEDAR FALLS & NORTHERN RY.

JOINT FREIGHT TARIFF

(Except on coal, coke, grain, grain products*, flax and millet seed, live stock, hay, ice, lime, and stone.)

Between

ALL STATIONS ON CHICAGO GREAT WESTERN RAILWAY, ST. CHARLES, ILL., AND WEST, ALSO STATIONS WEST OF MISSISSIPPI RIVER ON C. G. W. CONNECTIONS NAMED ABOVE,

and

Points named below:

Stations.	Route No.	Stations.	Route No.	Stations.	Route No.	Stations.	Route No.
*Auburn Park.....Ill.	1	Frankfort.....Ill.	11	Indiana Harbor.....Ind..	9	*South Chicago.....Ill..	1-2-5-7
* Blue Island....."..	5	* Grand Crossing....."..	7	* Kensington.....Ill..	7	Steele....."..	10
Chicago Heights....."..	3-5-11	Hammond.....Ind..	4-5-11	McCormick....."..	8	* West Harvey....."..	5
East Chicago.....Ind	5	* Harvey.....Ill..	5-7	Matteson....."..	11	* West Pullman....."..	5-6-7
* Englewood.....Ill	1	* Hegewisch....."..	5	* Riverdale....."..	5-7	Whiting.....Ind..	5

Routes.

No. 1—Belt Ry. No. 2—C. & S. E. Ry., via Belt Ry. No. 3—C. & E. I. R. R. No. 4—C. I. & L. Ry.
No. 5—C. T. T. R. R. No. 6—C. W. P. & So. Ry., via C. R. I. & P. Ry. and Belt Ry.
No. 7—Ill. Cent. R. R. No. 8—Ill. No. Ry. No. 9—L. S. & M. S. Ry.
No. 10—Mich Cent. R. R.

Chicago tariff rates shown in tariffs enumerated on page 2 and amendments or reissues will apply, subject to the following minimum through rates:

Governed by the Western or Illinois Commissioner's classification.

CLASS RATES.

[In cents per 100 lbs.]

1	2	3	4	5	A or 6	B or 7	C or 8	D or 9	E or 10
35	25	18	14	13	12	10	865	691	622

Commodity rates.—Carloads, 6 cents per 100 lbs; less than carloads, 12½ cents per 100 lbs.
Minimum charge.—The minimum charge on small shipments to be the same as to or from Chicago.

* Chicago rates will apply on flour and millstuffs C. L. from points west of the Mississippi River to stations marked thus (*).

Exceptions.

Belt Ry. of Chicago.—Rates to and from stations on the Belt Ry., viz., Auburn Park, Englewood, and South Chicago, will apply only on carload shipments.

Chicago Terminal Transfer R. R.—Rates to and from following stations on the C. T. T. R. R., viz, *Blue Island East Chicago, Hammond, Hegewisch, Riverdale, and South Chicago will apply only on carload shipments.

* Will also apply on L. C. L. shipments west-bound.

Way-billing instructions.

Shipments will be waybilled from or to Chicago as per C. G. W. Percentage No. 1041 and amendments or re-issues, except that shipments from or to South Chicago via the C. & S. E. Ry. will be waybilled through via Belt Ry. and shipments from or to West Pullman via C. W. P. & S. Ry. will be waybilled through via C. R. I. & P. and Belt Ry.

RECEIVED
Nov. 6, 1905.
Ans.

H. E. Felton.

Chicago rates referred to on page 1 will be found in the following-described tariffs and amendments or reissues:

I. C. C. No.		
C. G. W.	No.	1302
"	"	1883
"	"	2150
"	"	2161
"	"	2169
"	"	2214
"	"	2291
"	"	2351
"	"	2550
"	"	2624
"	"	2740
"	"	2876
"	"	2915
"	"	2934
"	"	2935
"	"	3025
"	"	3073
"	"	3092
"	"	3096
"	"	3099
"	"	3100
"	"	3143
"	"	3176
"	"	3179
"	"	3201
"	"	3212
"	"	3227
"	"	3243
"	"	3298
"	"	3306
"	"	3316
"	"	3317
"	"	3323
"	"	3332
"	"	3350
"	"	3355
"	"	3356
"	"	3368
"	"	3386
"	"	3382
"	"	3395
"	"	3409
"	"	3411
"	"	3412
"	"	3413
"	"	3414
"	"	3425
A. T. & S. F.	No.	2206
"	"	2624
"	"	2682
"	"	2984
"	"	2993
"	"	3002
"	"	3042
"	"	3131
"	"	3200
"	"	3228
"	"	3279
"	"	3293
"	"	3306
Topeka	No.	707
"	"	1005
"	"	1305
C. & N. W.	No.	4531
"	"	5279
C. R. I. & P.	No.	C-3022
"	"	C-3969
"	"	C-4021
"	"	C-5480
"	"	C-5929

I. C. C. No.		
C. R. I. & P.	No.	C-6024
"	"	C-6511
"	"	C-6671
C. M. Ry.	No.	52
"	"	151
"	"	159
"	"	161
"	"	163
Colo. & So.	No.	59
"	"	208
"	"	589
D. & R. G.	No.	219
"	"	303
"	"	449
"	"	527
"	"	557
"	"	612
"	"	621
"	"	623
"	"	766
"	"	814
"	"	859
"	"	894
"	"	938
"	"	983
"	"	1018
"	"	1020
"	"	1056
"	"	1102
"	"	1129 Cor
"	"	1138
D. S. S. & A.	No.	544
"	"	719
"	"	986
G. N.	No.	A-147
"	"	A-223
"	"	A-242
"	"	A-735 Cor
"	"	A-784
"	"	A-810
"	"	A-856
"	"	A-1060
"	"	A-1087
"	"	A-1108
"	"	A-1177
"	"	A-1298
"	"	A-1350
"	"	A-1415
"	"	A-1440
"	"	A-1442
"	"	A-1496
"	"	A-1560
"	"	A-1600
"	"	A-1738
"	"	A-1740
"	"	A-1752
"	"	A-1764
"	"	A-1776
"	"	C-78
Ia. Cent.	No.	1324
"	"	1344
"	"	1548
"	"	1740
"	"	1756
"	"	1760
"	"	1790
Ill. Cent.	"	A-4615
K. C. S.	"	557
"	"	916
"	"	1017

I. C. C. No.		
K. C. S.	No.	1093
"	"	1117
"	"	1151
"	"	1200
"	"	1356
"	"	1363
"	"	1378
"	"	1498
"	"	1516
"	"	1532
"	"	1534
"	"	1571
"	"	1598
"	"	1606
M. & St. L.	No.	A-1222
"	"	A-1223
"	"	A-1251
"	"	A-1397 Cor
M. K. & T.	No.	A 408
"	"	A 421
"	"	A 906
"	"	A-929
"	"	A 1172
"	"	A-1410
"	"	A-1470
"	"	A-1492
"	"	A-1872
"	"	A-1968
"	"	A-1996
"	"	A-2004
"	"	A-2005
"	"	A-2074
"	"	A 2126
"	"	A-2128
"	"	A-2210
"	"	A-2263
"	"	A-2342
"	"	A-2355
"	"	D-328
Mo. Pac.	No.	1625
"	"	3337
"	"	3503
"	"	3589
"	"	4227
"	"	4228
"	"	4612
"	"	4992
"	"	4993
"	"	5122
"	"	5336
"	"	6475
"	"	6602
"	"	6996
"	"	7241
"	"	7264
"	"	7367
"	"	7592
"	"	7616
"	"	7631
"	"	7661
"	"	7662
"	"	7674
"	"	7704
"	"	7741
"	"	7805
"	"	7875
"	"	7939
"	"	8011
"	"	8058
M. & O.	No.	2992

I. C. C. No.		
M. St. P. & S. S. M.	No.	687
"	"	970
"	"	1324
"	"	1345
"	"	1355
"	"	1380
"	"	1415
N. P.	No.	A-785
"	"	A-1352
"	"	A-1470
"	"	A-1635
"	"	A-1679
"	"	A-1856
"	"	A-1902
"	"	A-1996
"	"	A-2014
"	"	A-2026
"	"	A-2245
"	"	A-2276
"	"	A-2416
"	"	A-2486
"	"	A-2488
"	"	A 2500
"	"	A 2515
"	"	A-2635Cor
"	"	A-2661
"	"	B-235
"	"	B 268
"	"	B-278
"	"	B 305
"	"	B-406
O. S. L.	No.	696
"	"	772
"	"	857
"	"	884
"	"	992
"	"	1145
O. R. & N.	No.	92
"	"	413
"	"	429
"	"	463
"	"	506
"	"	609
"	"	682
"	"	722
"	"	769
"	"	782
"	"	808
"	"	812
"	"	918
R. G. W.	No.	96
"	"	345
"	"	410
S. F. C.	No.	11
St. L. & S. F.	No.	1599
"	"	2052
"	"	2169
"	"	2447
"	"	2576
"	"	2605
"	"	2813
"	"	2954
"	"	2970
"	"	3054
"	"	3679
"	"	3783
"	"	3868
"	"	4230
"	"	4275
"	"	4291

I. C. C. No.		
S. & S. F.	No.	4424
"	"	4486
"	"	4577
"	"	4629
"	"	4643
"	"	4656
"	"	4658
"	"	4659
"	"	4663
"	"	4675
"	"	4679
"	"	4680
"	"	4716
"	"	4717
"	"	4723
St. J. & G. I.	No.	A-142
"	"	A-163
"	"	A-192
S. P. L. A. S. L.	"	A-30
Trans. Cont.	"	194
"	"	318
"	"	375
"	"	376
"	"	564
Tran. Mo.	No.	147
"	"	158
U. P.	No.	475
"	"	738
"	"	1053
"	"	1365
"	"	1388
"	"	1417
"	"	1431
"	"	1438
"	"	1446
"	"	1473
"	"	1526
"	"	1578
"	"	1581
"	"	1583
"	"	1632
"	"	1694
"	"	1706
"	"	1721
"	"	1727
"	"	1771
"	"	1782
"	"	1837
"	"	1838
W. T. L.	No.	181
"	"	319
"	"	355
"	"	431
"	"	447
"	"	466
"	"	533
"	"	540
"	"	541
"	"	565
"	"	572
"	"	573
"	"	612
"	"	620
"	"	643
"	"	649
C. G. W. G. F. D.	No.	11612
"	"	11969

Taking effect October 21, 1905.

W. E. PINCKNEY,
General Freight Agent, C. G. W. Ry.,
St. Paul, Minn.

DEFENDANTS' EXHIBIT 156-A.

Receipt No. 3054.

C. M. & St. P. I. C. C. No. A-6102.
Cancels I. C. C. No. A-4524.

C. M. & St. P. G. F. D. No. 39884.

Cancels G. F. D. No. 33473.

CHICAGO, MILWAUKEE & ST. PAUL RAILWAY.

CHICAGO GREAT WESTERN RAILWAY,
GREEN BAY & WESTERN RAILROAD,
DES MOINES, IOWA FALLS & NORTHERN RAILWAY,

KEWAUNEE, GREEN BAY & WESTERN RAILROAD,
DULUTH, SOUTH SHORE & ATLANTIC RAILWAY,
COPPER RANGE RAILROAD.

JOINT TARIFF

on

CLASSES AND COMMODITIES,

Except on barrel stock, cement, coal, coke, flax or millet seed, gannister, grain and its products, gravel, hay, ice, iron ore, lime, live stock, lumber and articles taking lumber rates or arbitraries above, pig iron, salt, sand, sawdust, shavings, stone, straw and wood, in carloads.

Issued April 1, 1903.

Effective April 6, 1903.

Between—	And—	Rates.
Stations on the C. M. & St. P. R'y (except to or from stations named in page 2); also stations on connecting lines north or west of St. Paul, Minn., and south or west of Missouri River, for which through tariffs are provided. Stations on— Copper Range R. R. Des Moines, Iowa Falls & Northern R'y. Duluth, South Shore & Atlantic R'y. Green Bay & Western R. R. Kewaunee, Green Bay & Western R. R.	Auburn Park ... Ill. Blue Island ... " Burr Oak ... " East Chicago ... Ind. Englewood ... Ill. Grand Crossing ... " Hammond ... Ind. Harvey ... Ill. Hegewisch ... " Indiana Harbor ... Ind. Kensington ... Ill. Riverdale ... " South Chicago ... " Washington Heights ... " West Harvey ... " West Pullman ... " Whiting ... Ind.	Same rates as apply between Chicago, Ill., and stations on lines referred to, subject to the following minimum rates: 1: 35; 2: 25; 3: 18; 4: 14; 5: 13 A or 6: 12; B or 7: 10; C or 8: 8^{66}; D or 9: 6^{61}; E or 10 classes: 6^{22} cents per 100 lbs. Commodities covered by commodity tariffs: C. L.: 6; L. C. L.: 12½ cents per 100 lbs. Minimum charge 25 cents, unless where tariffs provide a higher minimum to or from Chicago, Ill., when Chicago minimum charge will apply.
St. Paul ... Minn. Minneapolis ... " Minnesota Transfer ... " Stillwater ... "	Hammond ... Ind.	Flour, C. L., min. wt. 24,000 lbs., south-bound only, 12½ cents per 100 lbs.

Merchandise and commodities, between stations on C. M. & St. P. R'y. or connecting lines and Chicago suburban stations.

(2500) (Over)

RECEIVED
Apr. 20 1903
Ans.....
H. E. FELTON

From or to	Located on—	Applying on—	Rates.
Blue Island ... Ill	Chicago Terminal Transfer R. R	Carloads, also less than carloads, west or north bound only	Rates authorized herein (with exceptions noted) will apply in connection with the Chicago Terminal Transfer R. R.
East Chicago ... Ind	" " " "	Carloads and less than carloads	
Hammond ... "	" " " "	Carloads	
Harvey ... "	" " " "	Carloads and less than carloads	
Hegewisch ... "	" " " "	Carloads	
Riverdale ... "	" " " "	Carloads	
South Chicago ... "	" " " "	Carloads	
West Harvey ... "	" " " "	Carloads and less than carloads	
West Pullman ... "	" " " "	Carloads, also west and north bound only on less than carloads	
Whiting ... Ind	" " " "	Carloads and less than carloads	

Rates authorized herein also apply as follows:

From or to—		Via route number (see below).
Auburn Park	Ill	1
Blue Island	"	1 and 3
Burr Oak	"	1
East Chicago	Ind	2 and 4
Englewood	Ill	1
Grand Crossing	"	3
Hammond	Ind	4
Indiana Harbor	"	6 and 7
Harvey	Ill	3
Kensington	"	3
Riverdale	"	3
South Chicago	"	1, 2 and 3
Washington Heights	"	1 and 5
West Pullman	"	1, 3 and 5
Whiting	"	2

No. 1.—C. R. I. & P. R'y.
No. 2.—E. J. & E. R'y.
No. 3.—I. C. R. R.
No. 4.—M. C. R. R.
No. 5.—P. C. C. & St. L. R'y
No. 6.—P. F. W. & C. R'y.
No. 7.—L. S. & M. S. R'y.

The rates authorized herein will NOT apply to or from the following stations:

Chicago & Milwaukee div.		*Chicago & Milwaukee div.*—Continued.		*Chicago & Milwaukee div.*—Continued.		*Chicago & Evanston div.*		*Racine & Southwestern div.*	
Chicago	Ill			Somers	Wis	Deering	Ill	Racine	Wis.
Grayland	"	Roundout	Ill	Corliss	"	Buena Park	"	Racine Jct	"
*Mayfair	"	Libertyville	"	Franksville	"	Argyle Park	"	*Prairie du Chien div.*	
Forest Glen	"	Warrenton	"	Caledonia	"	Edgewater	"	Milwaukee Stock Yards	Wis.
Edgebrook	"	Gurnee	"	Oakwood	"	Rogers Park	"	Wauwatosa	Wis.
Morton Grove	"	Wadsworth	"	Lake	"	Calvary	"	*Northern division.*	
Glenview	"	Russell	"	Bay View	"	Main Street	"	North Milwaukee	Wis.
Shermanville	"	Ranney	Wis	Stowell	"	Evanston	"	Chestnut Street	"
Deerfield	"	Truesdell	"	Milwaukee	"	Llewellyn Park	"	North Avenue	"
Everett	"							Rock Jct	"

Waybilling instructions.

Shipments from or to stations on C. M. & St. P. R'y, Copper Range R. R., G. B. & W. R. R., D. S. S. & A. R'y, K. G. B. & W. R. R., Chicago Great Western R'y, or D. M. I. F. & N. R'y, will be waybilled through as follows:

From or to stations on Ill. Cent. R. R. via Chicago, Ill., routing beyond same as shipments to or from Chicago proper.

Carload shipments from or to stations on Chicago Terminal Transfer R. R., via Western Avenue Transfer, Ill., L. C. L., via Chicago, Ill., routed beyond same as traffic from or to Chicago proper.

From or to stations on Elgin, Joliet & Eastern R'y via Spaulding or Roundout, Ill., as per G. F. D. No. 34000, routing beyond same as traffic from or to Chicago proper.

From or to stations on Michigan Central Railroad via Chicago, Ill., routing beyond same as on traffic from or to Chicago proper.

From or to stations on Pittsburgh, Cincinnati, Chicago & St. Louis Railway via Chicago, Ill., routing beyond same as on traffic from or to Chicago proper.

From or to stations on Lake Shore & Michigan Southern Railway via Chicago, Ill., routing beyond same as on traffic from or to Chicago proper.

From or to stations on Pittsburgh, Ft. Wayne & Chicago Railway via Chicago, Ill., routing beyond same as on traffic from or to Chicago proper.

Shipments from or to stations north of St. Paul, Minn., or south or west of the Missouri River will be waybilled to or from St. Paul, Minneapolis, Minnesota Transfer, Minn., Council Bluffs, Iowa, or Kansas City, Mo. (as the case may be), at proportion accruing east thereof on like traffic to or from Chicago, Ill.

E. S. KEELEY,
General Freight Agent,
C. M. & St. P. R'y,
Chicago, Ill.

W. C. MODISETT,
General Freight Agent,
G. B. & W. and K. G. B. & W. R. R.'s,
Green Bay, Wis.

L. SOULE,
G. M. Globe Cons. Co.,
Operating D. M. I. F. & N. Ry.,
Iowa Falls, Iowa.

S. O. BROOKS,
General Freight Agent,
C. G. W. R'y,
St. Paul, Minn.

W. W. WALKER,
Asst. General Freight Agent,
D. S. S. & A. R'y,
Duluth, Minn.

E. H. WRIGHT,
General Freight Agent,
Copper Range R. R.,
Ho ghton, Mich.

DEFENDANTS' EXHIBIT 156-B.

Supplement No. 2 to C. M. & St. P., I. C. C. No. A-6102
Cancels Supplement No. 1.

Receipt No. 4454.

Supplement No. 2 to C. M. & St. P. G. F. D. No. 39884. Cancels Supplement No. 1.

CHICAGO, MILWAUKEE & ST. PAUL RAILWAY.

CHICAGO GREAT WESTERN RAILWAY,
GREEN BAY & WESTERN RAILROAD,
DES MOINES, IOWA FALLS & NORTHERN RAILWAY,
KEWAUNEE, GREEN BAY & WESTERN RAILROAD,
DULUTH, SOUTH SHORE & ATLANTIC RAILWAY,
COPPER RANGE RAILROAD.

Supplement to above-named tariff, issued April 1, 1903, covering rates on merchandise and commodities, between stations on C., M. & St. P. R'y or lines named above and Chicago suburban stations.

OIL, PETROLEUM, AND ITS PRODUCTS, IN CARLOADS.

For minimum weights and description of articles taking same rates, refer to W. T. L. Rules and Regulations Circular No. 4, C. M. & St. P. R'y G. F. D. No. 35408, I. C. C. No. A-4938, or subsequent issues.

Issued May 12, 1903. Effective May 18, 1903.

To—	From—	Rates—
Stations on the C. M. & St. P. R'y, including stations named on page 2 of tariff, also stations on connecting lines north or west of St. Paul, Minn., and south or west of Missouri River, for which through tariffs are provided..... Stations on— Copper Range R. R..... Des Moines, Iowa Falls & Northern R'y..... Duluth, South Shore & Atlantic R'y..... Green Bay & Western R. R..... Kewaunee, Green Bay & Western R. R.....	Whiting.....Ind.	Same rates as apply from Chicago, Ill., to stations on lines referred to.

Correction. (Reissue.)

Carload traffic, only, can be handled to or from East Chicago, Ind., via Michigan Central R. R. Correct page 2 of above-described tariff accordingly.

ATTACH TO AND MAKE PART OF ABOVE-NAMED TARIFF.

E. H. WRIGHT,
General Freight Agent,
Copper Range R. R.,
Houghton, Mich.

S. O. BROOKS,
General Freight Agent,
C. G. W. R'y,
St. Paul, Minn.

W. C. MODISETT,
General Freight Agent,
G. B. & W. and
K. G. B. & W. R's,
Green Bay, Wis.

W. W. WALKER,
General Freight Agent,
D. S. S. & A. R'y,
Duluth, Minn.

P. A. MITCHELL,
G. M. Globe Cons. Co.,
Operating D. M. I. F. & N. R'y,
Iowa Falls, Iowa.

E. S. KEELEY,
General Freight Agent,
C. M. & St. P. R'y,
Chicago, Ill.

Received
May 21, 1903.
Ans.
H E. FELTON.

(2000)

(2,000)

DEFENDANTS' EXHIBIT 157-A.

C. B. & Q. I. C. C. No. 7773; cancels I. C. C. No. 6560.

C. B. & Q. G. F. O. No. 19309.

Cancels G. F. O. No. 10265 of 1905.

BURLINGTON ROUTE

CHICAGO, BURLINGTON & QUINCY RAILWAY COMPANY

Lines east of the Missouri River,

and

CHICAGO JUNCTION RAILWAY.

JOINT FREIGHT TARIFF ON CARLOAD FREIGHT.

(Except as noted.)

Taking effect { October 1, 1906, on State Traffic.
November 1, 1906, on Interstate Traffic.

Between—	And—	Kind of freight.	Rate.
East Chicago ..... Ind. Grasselli ..... " Whiting ..... " Hegewisch ..... Ill. South Chicago ..... " Wolf Lake ..... Ind. Hammond ..... " West Hammond ..... Ill. Calumet Park ..... " Dolton ..... " Highlawn ..... " Blue Island ..... " Chicago Ridge ..... " Summit ..... " Archer Jct ..... " Chappell ..... " McCook ..... " Broadview ..... " Maywood ..... " Bellewood ..... " Melrose Park ..... " Franklin Park ..... " Manheim ..... "	Stations on the C. B. & Q. Ry. in Illinois, except Mississippi River points proper, East St. Louis, Ill., and north thereof, for which provision is made in specific Mississippi River tariffs.	All *carload freight, including special commodities, *except* lumber, grain, grain products, flax and millet seed, hay, ice, sand, stone, and live stock.	Current Chicago rates applying in same direction as published by C. B. & Q. Ry., subject to the following rates as minima: *Governed by Illinois classification.* CLASSES. 1: 29^{3}; 2: 24^{1}; 3: 19^{5}; 4: 14^{3}; 5: 11^{4} 6: 11^{2}; 7: 10^{7}; 8: 8^{4}; 9: 6^{7}; 10: 6 On commodities taking less than class rates, 6 cents on carloads other than iron and steel articles. on which minimum will be 5 cents per 100 lbs. On *L. C. L. freight, minimum rate 12½ cents per 100 lbs.
	Other stations on the C. B. & Q. Ry. and connecting lines beyond.	See tariffs, etc., issued by the C. B. & Q. for Chicago and common points, giving rates and instructions for C. J. Ry. stations.	

*L. C. L. freight will be handled if loaded in full car lots to run through without transfer. Way-bill through via West Grossdale, Ill.

W. S. WEED,
General Freight Agent,
C. J. Ry.,
Chicago, Ill.

GEO. H. CROSBY,
Freight Traffic Manager,
C. B. & Q. Ry.,
Chicago, Ill.

Issued by W. B. HAMBLIN, General Freight Agent, C. B. & Q. Ry. Co., Ill. and Iowa Districts, *Chicago, Ill.*

The Henry O. Shepard Co., Printers, Chicago. (34893—750)

RECEIVED
Oct. 1
1906
H. E. F.

C., B. & Q. I. C. C. No. 2965.

C., B. & Q. G. F. O. No. 4457.
H. & St. J. G. F. O. No. 3221.

BURLINGTON

ROUTE

B. & M. R. G. F. O. No. 2185.
K. & W. G. F. O. No. 2022.

CHICAGO, BURLINGTON & QUINCY R. R.

ST. LOUIS, KEOKUK & NORTHWESTERN RAILROAD,

CHICAGO, BURLINGTON & KANSAS CITY RAILROAD,

HANNIBAL & ST. JOSEPH RAILROAD,

KANSAS CITY, ST. JOSEPH & COUNCIL BLUFFS RAILROAD
(Chicago, Burlington & Quincy Railroad Co., Owner),

BURLINGTON & MISSOURI RIVER RAILROAD IN NEB.
(Chicago, Burlington & Quincy Railroad Co., Owner),

KEOKUK & WESTERN RAILROAD
(Chicago, Burlington & Quincy Railroad Co., Owner).

JOINT FREIGHT TARIFF

Except Coal, Coke, Salt, Grain, Grain Products, Live Stock, Hay, Ice, Lime, Cement, Plaster, Stucco, Stone, Lumber, and Articles taking same Rates or Arbitraries Higher,

In Connection With

CHICAGO & EASTERN ILLINOIS R. R., CHICAGO TERMINAL TRANSFER R. R., *CHICAGO, ROCK ISLAND & PACIFIC RY., ILLINOIS CENTRAL R. R., MICHIGAN CENTRAL R. R.

Taking effect May 24, 1901.

BETWEEN—		AND—	RATES.
Auburn Park	Ill.	All stations on C. B. & Q. R. R., north, west, and south of Aurora (including Aurora)	Current tariff rates in effect from and to Chicago, subject to following rates as minima, viz:
Blue Island	"	All stations on:	
Burr Oak	"	B. & W. and B. & N-W. R'ys	
Chicago Heights	"	St. L. K. & N-W. R. R	
East Chicago	Ind.	C. B. & K. C. R. R	
Englewood	Ill.	H. & St. J. R. R	
Frankfort	"	K. C., St. J. & C. B. R. R	
Grand Crossing	"	K. & W. R. R	
Hammond	Ind.	Tabor & Northern R'y	
Harvey	Ill.	All stations in Missouri, Kansas, Indian Territory, and Texas on or reached via M. K. & T. R'y	
Hegewisch	"	Kansas City, St. Joseph, Atchison, Leavenworth, Pacific Junction, Council Bluffs, Omaha, South Omaha, Nebraska City	
Kensington	"	All stations on the B. & M. R. R. R	
Matteson	"	All points in Kansas, Nebraska, Indian Territory, Oklahoma Territory, Colorado, Utah, Wyoming, Montana, and Idaho (to which the C. B. & Q. R. R. have published tariff rates from or to Chicago, via Missouri River Crossings)	
Riverdale	"	Duluth, Superior, and West Superior	
South Chicago	"	All points on the Great Northern, E. R'y of Minn., and the Northern Pacific, north and west of St. Paul, to which the C. B. & Q. have published tariff rates	
Spencer	"		
Steger	"		
Steele	"		
Washington Heights	"		
West Harvey	"		
West Pullman	"		
Whiting	Ind.		

Classes.

1	2	3	4	5
35	25	18	14	13
6th or A	7th or B	8th or C	9th or D	10th or E
12	10	8.65	6.91	6.22

Commodities taking less than Class rates, 6 cents on C. L. and 12½ cents L. C. L.

See instructions on back.

THOS. MILLER,
General Freight Agent,
C., B. & Q. R. R.,
Chicago, Ill.

D. O. IVES,
General Freight Agent,
St. L. K. & N. W., H. & St. J.,
K. C. St. J. & C. B. and C. B. & K. C. R. Rs.,
St. Louis, Mo.

GEO. H. CROSBY,
General Freight Agent,
B. & M. R. R. R. in Neb.
Omaha, Neb.

A. MCCRAE,
General Freight Agent,
K. & W. R. R.,
Keokuk, Iowa.

(T. D. No. 90).

The Henry O. Shepard Co., Printers, 212-214 Monroe st., Chicago.

The following rubber stamp appears upon this Tariff:

Received
Apr. 20, 1903.
Ans.
H. E. Felton.

* In the original exhibit the words "Chicago, Rock Island & Pacific R'y" are stricken through with red ink.

DEFENDANTS' EXHIBIT 157 B—PAGE 2.

Stations.		Located on roads numbered (see below)—	Stations.		Located on roads numbered (see below)—
Auburn Park	Ill.	2	Kensington	Ill.	1, 4
Blue Island	"	2, 3, 4	Matteson	"	5
Burr Oak	"	2	Riverdale	"	3, 4
Chicago Heights	"	1, 3, 5	South Chicago	"	2, 3, 4
East Chicago	Ind.	3	Spencer	"	5
Englewood	Ill.	1, 2	Steger	"	1
Frankfort	"	5	Stelle	"	5
Grand Crossing	"	4	Washington Heights	"	2
Hammond	Ind.	3	West Harvey	"	3
Harvey	Ill.	3, 4	West Pullman	"	2, 3, 4
Hegewisch	"	3	Whiting	Ind.	3

1.—C. & E. I. R. R. 3.—C. T. T. R. R. 5.—M. C. R. R.
2.—C. R. I. & P. R'y. 4.—Ill. Cent. R. R.

BILLING INSTRUCTIONS.

Freight will be billed through via Chicago, except freight from and to Chicago Heights via M. C. R. R. will be billed through via Chicago or Aurora Transfer, and freight to or from Frankfort, Matteson, or Spencer via Aurora Transfer.

EXCEPTIONS.

Chicago Terminal Transfer Railroad.

Rates to and from following stations on C. T. T. R. R., viz: * Blue Island, East Chicago, Hammond, Hegewisch, Riverdale, and South Chicago will only apply on carload shipments.

MINIMUM CHARGE.

Small shipments, consisting of one or more packages of the same or different classes, will be charged for at actual weight at the rate for the class to which the freight belongs, subject to a minimum charge of 25 cents for the entire consignment, unless a higher minimum charge is provided for in regular tariff, in which case the latter will govern.

* Will also apply west-bound on L. C. L. shipments.

DEFENDANT'S EXHIBIT 157-B—Page 3.

Amendment No. 1 to C., B. & Q. I. C. C. 2965.

C., B. & Q. G. F. O. No. 6810.

H. & St. J. G. F. O. No. 5447.
B. & M. R. G. F. O. No. 2906.

BURLINGTON ROUTE

K. & W. G. F. O. No. 2079.

CHICAGO, BURLINGTON & QUINCY R. R.

ST. LOUIS, KEOKUK & NORTHWESTERN RAILROAD,

CHICAGO, BURLINGTON & KANSAS CITY RAILROAD,

HANNIBAL & ST. JOSEPH RAILROAD,

KANSAS CITY, ST. JOSEPH & COUNCIL BLUFFS RAILROAD
(Chicago, Burlington & Quincy Railroad Co., Owner),

BURLINGTON & MISSOURI RIVER RAILROAD IN NEB.
(Chicago, Burlington & Quincy Railroad Co., Owner),

KEOKUK & WESTERN RAILROAD
(Chicago, Burlington & Quincy Railroad Co., Owner).

AMENDMENT NO. 1

To

C., B. & Q. G. F. O. 4457, H. & St. J. G. F. O. 3221, B. & M. R. G. F. O. 2185 of 1901, K. & W. G. F. O. 2022.

JOINT FREIGHT TARIFF

Between

AUBURN PARK, BLUE ISLAND, BURR OAK, ENGLEWOOD, ILL., ETC.,

and

All points on C., B. & Q. R. R. and connections, west, north and south of and including Aurora, Ill.

Taking effect August 1, 1901.

Cancel all rates in connection with Chicago, Rock Island & Pacific Ry.; on and after above date, through rates to and from points on C., R. I. & P. Ry. will be made on combination of locals.

D. O. IVES,
General Freight Agent, St. L., K. & N. W., C., B. & K. C., H. & St. J., and K. C., St. J. & C. B. R. Rs., St. Louis, Mo.

THOS. MILLER,
General Freight Agent, C., B. & Q. R. R., Chicago, Ill.

GEO. H. CROSBY,
General Freight Agent, B. & M. R. R. R. in Nebraska, Omaha, Neb.

A. MCCRAE,
General Freight Agent, K. & W. R R., Keokuk, Iowa.

The Henry O. Shepard Co., Printers, 212-214 Monroe St., Chicago.

The following rubber stamp appears upon this exhibit:

Received
Apr 20 1903
Ans
H. E. Felton

DEFENDANT'S EXHIBIT 157-B—PAGE 47.

Amendment No. 6 to C. B. & Q. I. C. No. 2965.

Cancels Amendment No. 5.

C. B. & Q. G. F. O. No. 8489.
Cancels G. F. O. No. 7689 of 1902.

B. & M. R. G. F. O. No. 4343.
Cancels G. F. O. No. 3882 of 1902

H. & St. J. G. F. O. No. 7053.
Cancels G. F. O. No. 6459 of 1902.

BURLINGTON

ROUTE

K. & W. G. F. O. No. 2458.
Cancels G. F. O. No. 2409.

CHICAGO, BURLINGTON & QUINCY R'Y CO.
Lessee of
CHICAGO, BURLINGTON & QUINCY RAILROAD,
ST. LOUIS, KEOKUK & NORTHWESTERN RAILROAD,
HANNIBAL & ST. JOSEPH RAILROAD,
KANSAS CITY, ST. JOSEPH & COUNCIL BLUFFS RAILROAD,
CHICAGO, BURLINGTON & KANSAS CITY RAILROAD,
BURLINGTON & MISSOURI RIVER RAILROAD IN NEBRASKA,
KEOKUK & WESTERN RAILROAD,
BURLINGTON & WESTERN RAILWAY.

AMENDMENT NO. 8
(Cancels Amendment No. 7)
To
C. B. & Q. G. F. O. 4457, H. & St. J. G. F. O. 3221, B. & M. R. G. F. O. 2185 of 1901, K. & W. G. F. O. 2022.

JOINT FREIGHT TARIFF
Between
SOUTH CHICAGO, ILL., AND OTHER SUBURBAN STATIONS, ETC.,
and
All points on C. B. & Q. R. R. and connections west, north, and south of and including Aurora, Ill.

Taking effect September 10, 1902.

Add Michigan Central R. R. *for less than carload freight* at Hammond and East Chicago, Ind.

Make note that the *rates named in the tariff, also* similar rates on *cement*, carloads, will apply to and from South Chicago, Ill., via Chicago, Lake Shore & Eastern Railway and Chicago, Ill.

Erase cement from list of excepted articles in connection with C. L. S. & E. R'y as provided for herein.

Waybill C. L. S. & E. business through via Chicago, Ill.

Waybill Michigan Central business above provided for to or from Chicago at proportions per division sheet.

D. O. IVES,
General Freight Agent,
St. L., K. & N. W., C. B. & K. C., H. & St. J., and K. C., St. J. & C. B. R. Rs., St. Louis, Mo.

GEO. H. CROSBY,
General Freight Agent,
B. & M. R. R. R. in Neb., Omaha, Neb.

THOS. MILLER,
Freight Traffic Manager,
C. B. & Q. R'y Co., Chicago, Ill.

A. MCCRAE,
General Freight Agent,
K. & W. R. R., Keokuk, Iowa.

The Henry O. Shepard Co., Printers, Chicago.

The following rubber stamp appears upon this exhibit:

RECEIVED
Apr 20 1903
Ans
H. E. FELTON

DEFENDANTS' EXHIBIT 158-A.

C. B. & Q. I. C. C. No. 4234.
Cancels I. C. C. Nos. 1764 and 2373.

C. B. & Q. G. F. O. No. 9746.

Cancels C. B. & Q. G. F. O. 6746 of 1895, 8493 of 1898 and 10755 of 1899; H. & St. J. G. F. O. 5297 of 1895, 7678 of 1898 and 9588 of 1899.

BURLINGTON

ROUTE

CHICAGO, BURLINGTON & QUINCY RAILROAD

ST. LOUIS, KEOKUK & NORTHWESTERN RAILROAD

Chicago, Burlington & Quincy Railway Company, Lessee.

JOINT TARIFF

between

ST. LOUIS, MISSOURI

and

ILLINOIS STATIONS ON THE C. B. & Q. R. R.

Taking effect August 1, 1903.

THOS. MILLER,
Freight Traffic Manager,
C. B. & Q. Ry. Co.,
Chicago, Ill.

W. GRAY,
General Freight Agent,
St. L. K. & N. W. R. R.,
St. Louis, Mo.

W. B. HAMBLIN,
Assistant General Freight Agent,
C. B. & Q. R. R.,
Chicago, Ill.

The Henry O. Shepard Co., Printers, Chicago. (2421-7-7-03-600.)

DEFENDANT'S EXHIBIT 158-A—PAGE 2.

	Between St. Louis, Mo., and—	In cents per 100 pounds—Governed by Illinois Classification.									
		1st class.	2d class.	3d class.	4th class.	5th class.	6th class.	7th class.	8th class.	9th class.	10th class.
Carthage Branch.	Carman ... Ill.										
	* Iowa ... "										
	Lomax ... "										
	Dallas ... "										
	* Dallas Hill Siding ... "										
	Colusa ... "	47	37	29	24	19	16½	15	12½	10	8½
	Adrian ... "										
	Ferris ... "										
	Carthage ... "										
	Bacco ... "										
	West Point ... "										
	Stillwell ... "	46	36	29	23	18	16½	14½	12½	10	8
	* Woodville ... "	44	35	29	22	17	16½	14	12	10	8
	Loraine ... "	42	34	28	21	16	16	13½	12	10	8
	Mendon ... "	40	33	27	20	15	15½	13½	11½	10	8
	Ursa ... "	38	31	26	19	14½	15	13	11	9½	8
	* Rock Creek ... "	36	29	24½	19	14	14½	13	11	9½	8
Galesburg-Quincy Branch.	Bardolph ... "										
	Macomb ... "										
	Colchester ... "										
	Tennessee ... "										
	* Hills Grove ... "	46	36	28	22	17	14½	13	11	8½	7½
	Colmar ... "										
	Plymouth ... "										
	Augusta ... "										
	La Prairie ... "	45	36	28	21	17	14½	13	11	8½	7½
	Golden ... "	44	36	28	21	17	14½	13	11	8½	7½
	Camp Point ... "	43	36	28	21	17	14½	13	11	8½	7½
	Coatsburg ... "	42	35	27	20	17	14½	13	11	8½	7½
	Paloma ... "	41	34	27	20	17	14½	13	11	8½	7½
	Fowler ... "	40	33	27	20	15	14½	13	11	8½	7½
	* Cliola ... "	38	31	26	20	14½	14½	13	11	8½	7½
	* Ewbanks ... "	36	29	24½	20	14½	14½	13	11	8½	7½
	Quincy ... "	See Quincy Tariff C. B. & Q. G. F. O. No. 4501, H. & St. J. G. F. O. No. 1900 (I. C. C. No. 3016) of 1903, or subsequent issues.									
Louisiana Branch.	Marblehead ... "	See Quincy Tariff C. B. & Q. G. F. O. No. 4501, H. & St. J. G. F. O. No. 1900 (I. C. C. No. 3016) of 1903, or subsequent issues.									
	* Bluff Hall ... "										
	Fall Creek ... "										
	* Munger's (C. L. only) ... "										
	* Gordon's (C. L. only) ... "										
	* Alger's ... (" ") ... "	43	33	28	21	17	15	14	12	10	9
	* Seehorn ... "										
	* Clarks ... "										
	Hulls ... "	44	34	29	22	17	15	14	12	11	9
	* Shinn ... "	45	35	29	22	17	15	14	12	11	9
	New Canton ... "	46	36	29	22	17	15	14	12	11	9
	* Brewster ... "	47	37	29	22	17	15	14	12	11	9
	* Hortons ... "										
	Rockport ... "										
	* Moores ... "	47	38	29	22	17	15	14	12	11	9
	* Pike ... "										

* No agent. Freight must be prepaid.

DEFENDANTS' EXHIBIT 158-A—PAGE 3.

Between St. Louis, Mo., and—	In cents per 100 pounds—Governed by Illinois Classification.									
	1st class.	2d class.	3d class.	4th class.	5th class.	6th class.	7th class.	8th class.	9th class.	10th class.
East Moline.....Ill. Moline..... " Rock Island..... " *Carbon Cliff..... " Keithsburg..... " Fulton..... " *East Clinton..... " Galva..... " Wyoming..... " and intermediate points.	See C. B. & Q. G. F. O. No. 3649 (I. C. C. No. 3875) of 1903, or subsequent issues.									
Savannah.....Ill. to East Dubuque..... " inclusive.	See C. B. & Q. G. F. O. No. 3564 (I. C. C. No. 3872) of 1903, or subsequent issues (Northern Division Tariff).									

[a] No agent. Freight must be prepaid.

Between St. Louis and—	Kind of freight.	Rates.
Chicago.....Ill. and All other stations on C. B. & Q. R. R. in Illinois for which lower rates are not specifically provided.	All.....	Same rates as are published to or from East St. Louis, Ill., plus St. Louis Bridge tolls, as named herein.

TARIFFS NAMING EAST ST. LOUIS RATES.

I. C. C. No. —	C. B. & Q. G. F. O. No.—	Description.
C. & St. L. T. A. No. 3.....	4275 of 1899.....	C. & St. L. Traffic Association Tariff No. 24.
.....	1062 of 1900.....	Illinois Commissioners' Distance Tariff and Classification.
.....	10594 of 1899.....	C. B. & Q. Illinois Merchandise Tariff.
.....	2105 of 1902.....	C. B. & Q. Illinois Grain Tariff.
C. B. & Q. No. 3765.....	12645 of 1902.....	East St. Louis Lumber Tariff, OR SUBSEQUENT ISSUES.

Minimum charge.—Small shipments, consisting of one or more packages of the same or different classes, will be charged for at actual weight at the rate for the class to which the freight belongs, subject to a minimum charge of 25 cents for the entire consignment.

Billing and routing.—Bill through per current routing instructions except when routing via East St. Louis, bill to and from East St. Louis, Ill., at East St. Louis revenue (St. Louis rates less bridge tolls).

For St. Louis transfer charges, see page 4.

DEFENDANTS' EXHIBIT 158-A—PAGE 4.

St. Louis transfer charges.

CARLOAD RATES.

Articles.	In cents per 100 lbs.
Acid, in tanks	1½
Asphaltum	1½
Barrels and boxes, empty	1½
Bark (spent), min. weight 40,000 lbs	1
Bark	1½
Basket material, min. weight 30,000 lbs	1½
Beer packages, empty, returned	$1.50 per car.
Bituminous rock	1
Box stuff	1½
Blinds	1½
Bran, min. $3.00 per car	1
Brick, min. weight 40,000 lbs	1
Brimstone, min. $4.50 per car	1½
Brooms, no minimum	2
Bones	1½
Bone black	1½
Barytes, min. wt. 40,000 lbs	1
Canned goods, no minimum	2
Carbonite	1½
Carriers and trays, empty, returned	$3.00 per car.
Cartridges, loaded shells	1½
Castor beans	1½
Cement	1½
Chair timber	1
Charcoal, min. wt. 20,000 lbs	2
Cinders, min. weight 30,000 lbs	1
Cinders, mill	1
Clay, in bulk, min. wt. 40,000 lbs	1
Clay n. o. s	1¼
Coal, anthracite	1½
Coal, bituminous	0
Coffee, no minimum	2
Coke	1½
Copper matte	1½
Copperas	1½
Corn meal, min. $3.00 per car	1
Cotton, no minimum	2
Cotton waste, in bales, no min	2
Cotton seed hulls	1½
Crackers, no minimum	2
Cracklings (soap stock)	1½
Cullett (broken glass)	1½
Doors	1½
Earthen laundry tubs, minimum weight 20,000 lbs	2
Earthenware, n. o. s	2
Enameling plate	1½
Feldspar	1½
Felt, roofing, in rolls	1½
Fertilizer	1½
Facings, foundry, coal or plumbago	1½
Flake malt, min. weight 24,000 lbs	1½
Flax seed	1½
Flour, min. $3.00 per car	1
Fish, no minimum	2
Glassware, n. o. s., no minimum	2
Glucose refuse	1½
Grain products, min. $3.00 per car	1
Grains, dried, min. wt. 30,000 lbs	1
Granite, finished	2
Granite paving blocks	1¼
Granite, crushed or unwrought	1
Gravel, min. wt. 40,000 lbs	1
Grindstones	1½
Grits, min. weight 30,000 lbs	1
Handles, wood	1½
Hay, minimum $4.00 per car	1½
Heading	1½
Hoops and hoop poles	1½
Hides, no minimum	2

Articles.	In cents per 100 lbs.
Ice	1
Iron: Anvils, axes, adzes, band, bar, beam, bolts, cotton ties, castings, nails, carsprings, chain, hatchets, horseshoes, spikes, nuts, pipe, pig, picks, plate, sheet, wire, structural, wheels, vises, axles, rods	1½
Iron, scrap	1½
Jute butts, no minimum	1½
Junk	1½
Laundry tubs, earthen, min. weight 20,000 lbs	2
Lime	1½
Logs, min. wt. 30,000 lbs	1½
Lumber, lath	1½
Machinery, old, returned to maker for repairs	½ tariff rates.
Maizone	1½
Malt and malt sprouts, min. weight 30,000 lbs	1
Malt flake, min. weight 24,000 lbs	1½
Malt and malt sprout refuse, no minimum	1½
Manure, min. wt. 30,000 lbs	1
Marble, unwrought	1½
Marble, planed, sawed, cut or finished	2
Mineral water, in tank cars	1½
Mill feed, minimum $3.00 per car	1
Molasses, no minimum	2
Novaculite, min. wt. 40,000 lbs	1
Oil, n. o. s	1½
Oil cake and meal	1½
Oil, oleo, and lard	2
Ore, all kinds except ground iron	1½
Ore, ground iron	1½
Paper stock	1½
Piling	1½
Pitch	1½
Plaster	1½
Poles and posts	1½
Powder, dynamite atlas powder, min. wt. 20,000 lbs	4
Rosin	1½
Roots, min. wt. 36,000 lbs	1½
Rice, no minimum	2
Rice and rice meal, brewers', min. wt. 40,000 lbs	1
Rails and fastenings	1½
Salt	1½
Salt cake	1½
Sand, min. weight 40,000 lbs	1
Sash	1½
Sawdust	1½
Screenings and shipstuff, min. $3.00 per car	1
Sewer pipe, min. weight 32,000 lbs	1½
Shingles	1½
Shooks	1½
Slag	1
Soap lye, in tanks	1½
Soap stock	1½
Soda and soda ash	1½
Staves and stave bolts	1½
Shavings	1½
Sugar, no minimum	2
Stone, ornamental	2
Stone, planed, sawed or cut, dressed or rough-dressed	1½
Stone, riprap, rubble and crushed, rough blocks, unwrought, foundation	1
Sugar, crude grape, min. wt. 30,000 lbs	1½
Sulphate of ammonia	1½

St. Louis transfer charges—Continued.

CARLOAD RATES—Continued.

Articles.	In cents per 100 lbs.	Articles.	In cents per 100 lbs.
Seed	1½	Wagon skeins	1½
Straw	$4.00 per car.	Warrenite, min. $4.50 per car	1½
Strawboard, min. wt. 30,000 lbs	1½	Wet feed	$4.00 per car.
Tar	1½	Whiting	1½
Tobacco, all kinds, no min	2	Wood, for fuel, min. weight 40,000 lbs	1
Tobacco stems	1½	Wool, no minimum	2
Ties, railroad, no minimum	1	Zinc, oxide, min., $4.50 per car	1½
Tripoli	1½	Zinc skimmings	1¼
Tile, building, drain, hollow, roofing, and conduit, min. weight 32,000 lbs	1¼	Carload freight, the bulk or nature of which requires an entire car, except as noted above	2
Terra cotta	1¼		
Tin plate, minimum $4.50 per car	1½		
Wagon wood (in the rough), hubs, spokes, and axles	1½		

MINIMUM WEIGHT (EXCEPT AS NOTED).

Freight charged at 2 cents per 100 lbs	25,000 lbs.	Freight charged at 1¼ cents per 100 lbs	36,000 lbs.
" " 1½ " " "	30,000 "	" " 1 " "	50,000 "

DEFENDANTS' EXHIBIT 158-A—PAGE 4—Continued.

RAILWAY EQUIPMENT.

Standard gauge.	Per car.	Standard gauge.	Per car.
Freight car	$2.00	Coach or sleeper	$6.00
Caboose or way-car	3.00	Locomotive and tender	15.00
Baggage, mail, or express	5.00	Narrow gauge equipment, all kinds	2c. per cwt.
Derrick and crane cars	10.00	Snow plows and steam shovels	10.00

LESS THAN CARLOADS.

Articles.	In cents per 100 lbs.	Articles.	In cents per 100 lbs.
Agricultural implements, all kinds, n. o. s.	5	Glass, bent	5
Agricultural implements, when returned to maker for repairs	2½	Glass, looking, O. R	5
Acids, in glass	10	Glass, plate, not extra size	5
Barrels and boxes, empty	5	Grindstones, mounted	5
Barrels and boxes, returned to shipper	2½	Guttering	5
Baskets	10	Hats and caps, in racks	5
Bed springs	5	Hay	5
Bird cages, set up	10	Headstones	4
Bird cages, K. D. and nested	5	Headlights	5
Blinds	5	Hides	2
Brick, loose	5	Hobby horses, crated	5
Brooms	5	Household goods	5
Broom corn, in bales	3	Hops	5
Bamboo furniture	10	Incubators	5
Bath tubs	5	Iron bedsteads	4
Burial cases and coffins, single, with glass	10	Iron pulleys, wheels, light castings, loose	3
Burial cases and coffins, nested, with glass	5	Kegs, empty	5
Burial cases and coffins, common	5	Lumber, loose	5
Building tile, hollow	5	Lumber, in bundles	3
Bicycles	5	Machinery, all kinds	5
Billiard tables, K. D	4	Machinery, returned to maker for repairs	2½
Bran dusters	5	Marble slabs	5
Cans, in cartons or boxes	5	Mattresses	5
Cans, empty	10	Millinery goods	5
Cans, when used as carriers and returned to shippers	5	Moss, hair, in bags	5
Carboys, empty	5	Moss, hair, in bales	3
Cauldron kettles	5	Musical instruments	5
Chairs, barber	5	Oakum, in bales	3
Chairs, except upholstered	5	Ovens, gasoline	5
Chairs, upholstered	10	Pianos and organs	5
Chairs, rockers	10	Packing house products	5
Children's carriages, boxed or crated	10	Picture frames, molding backing, in bundles	5
Children's carriages, K. D., nested or crated	5	Plants, in bales	5
Cigars and cigarettes	5	Powder	10
Comforts, in bales	4	Radiators, galvanized sheet iron or tin	5
Cornices, crated or boxed, and cornice trimmings	5	Rags, in bags or packages, not pressed	5
Corks, in bags	2	Ranges, cooking, wrought iron	5
Cotton, bundles or batting	5	Rattan furniture	10
Cribs, baby, set up	10	Reels, wire and cable	5
Dairy products, eggs	5	Retorts, clay, loose	5
Demijohns	5	Safes, iron	5
Doors	5	Sash	5
Drain tile	4	Sewer pipe	4
Drums, empty	5	Sewing machines, set up and crated or boxed	5
Drugs, in carboys	10	Show cases, boxed or crated	5
Dynamite, Atlas powder	10	Sieves, sifters, in bundles	10
Earthen laundry tubs	4	Sieves, sifters, K. D., boxed, nested, or crated	2
Earthenware, in boxes or crates	3	Skiffs and boats	10
Egg cases	5	Soda fountains	5
Egg cases, returned to shipper	2½	Stills, copper	5
Evaporator pans	5	Store and saloon fixtures	10
Excelsior, in bundles or bags	5	Stoves, gas and vapor	5
Fanning mills	10	Stoves, cooking or heating	5
Feathers	5	Stovepipe and elbow	5
Feathers, compressed in bales	2	Terra cotta	4
Fruit jars, O. R	5	Tubs and pails, nested	5
Furniture, n. o. s	5	Trees, boxed	3
Furs and pelts	5	Trunks, empty	5
		Trunk tops, nested	3
		Tinware, not nested	5

LESS THAN CARLOADS—Continued.

Articles.	In cents per 100 lbs.	Articles.	In cents per 100 lbs.
Valises, loose	5	Willow ware	10
Vehicles, buggies, barouches, carriages, carts, cutters, sleighs, surreys, democrat and spring wagons, min. weight 500 lbs. each	5	Wire springs	5
Wagons	5	Wheelbarrows, set up	5
Wagons, children's, boxed or crated	5	Wooden ware, nested and boxed	3
Wagon wheels, rims or shafts	5	Wool, in bags	5
		Yarn, in sacks	2
		Articles not enumerated above	2

The minimum bridge charge for any one consignment will be 100 lbs. at tariff rate, but no charge less than 10 cents.

Actual charges of the various Transfer Companies.

DEFENDANTS' EXHIBIT 160.

(1500)

Interstate Commerce Commission No. A-2591
Cancels I. C. C. No. A-1722.

I. C. R. R. Tariff No. B-1840
Cancels Tariff No. A-1840.

Illinois Central Railroad Company,
Illinois Central Railroad Co., Agent.

THE YAZOO & MISSISSIPPI VALLEY RAILROAD CO
and
CHICAGO TERMINAL TRANSFER RAILROAD CO.

RECEIVED
Apr. 20, 1903.
Ans.
H. E. FELTON

Chicago, Iowa & Dakota Railway
Choctaw, Oklahoma & Gulf Railroad.
Crooked Creek Railroad.
Great Northern Railway.
Iowa Central Railway.
Kansas City & Northern Connecting Railroad.
Marshalltown & Dakota Railway.
Missouri, Kansas & Texas Railway.
Missouri Pacific Railway.
Omaha & St. Louis Railroad.
St. Louis & San Francisco Railroad.
St. Louis South-Western Railway.
Southern Pacific Co. (Atlantic System.)
Texas & Pacific Railway.
The Minneapolis & St. Louis Railroad Co.
Union Pacific Railroad.
Vicksburg, Shreveport & Pacific Railroad.
Willmar & Sioux Falls Railway.

JOINT FREIGHT TARIFF ON ALL FREIGHT.

Oil.
Sup. 4.

(Except coal, coke, grain, lumber, and articles taking same rates or arbitraries higher, and live stock, C. L.)

Between—	And—	Rates—
Stations on the C. T. T. R. R. Co., as follows: *Blue Island.....Ill.. Chicago Heights .... " .. *East Chicago.....Ind.. ‡‡Hammond... " .. Harvey.....Ill.. †Hegewisch..... " .. †Riverdale..... " .. †South Chicago..... " .. West Harvey..... " .. West Pullman..... " .. Whiting.....Ind.. †Rates to and from stations marked thus (†) will apply on carloads only. *Rates will not apply on L. C.L.shipments east-bound. ‡On traffic to or from the G. H. Hammond Co.'s plant at Hammond, Ind., a charge of $1.50 per car will be made in addition to the rates provided herein.	Stations on the I. C. R. R. in Illinois (except Harvey and north thereof and Broadview and east thereof), Indiana, Wisconsin, Iowa, Minnesota, and South Dakota; also Cape Girardeau, Mo., Paducah, Ky., Omaha, and South Omaha, Neb..... Stations on the *C. I. & D. R'y*, *C. C. R. R., Iowa Cent. R'y, K. C. & N. C. & N. C. R. R., M. & D. R'y, O. & St. L. R. R., the M. & St. L. R. R., and W. & S. F. F. R'y..... Stations on C. O. & G. R. R., as shown in I. C. R. R. Tariff No. B-3547, I. C. C. No. 1242, or subsequent issues..... Stations on M. K. & T. R'y and connections as shown in I. C. R. R. Tariff No. C-308 (M. K. & T. I. C. C. No. A-673), or subsequent issues..... Stations on the Mo. Pac. R'y and connections, as shown in I. C.R. R. Tariff No. B-2250, I. C. C. No. 2152, or subsequent issues..... Stations on St. L. & S. F. R. R. and connections, as shown in I. C. R. R. Tariff No. A-2384, I. C. C. No A-1918, or subsequent issues..... Stations on the Un. Pac. R. R. and connections, as shown in I. C. R. R. Tariff No. A-4273, I. C. C. No. A-2263, or subsequent issues..... Duluth, Minn., and points taking same rates, as shown in I. C. R. R. Tariff No. A-4744, I. C. C. No. A-2436, or subsequent issues, via Albert Lea, Minn., and M. & St. L. R. R.; also all other stations north or west of St. Paul, Minn., to which through rates are published from Chicago, Ill..... Stations in Texas and New Mexico, as shown in I. C. R. R. Tariff No. A-2263, I. C. C. No. A-1871, or subsequent issues, via East St. Louis, Cairo, Gale, Ill., New Orleans, La., or Vicksburg, Miss..... Pacific coast territory, as shown in I. C. R. R. Tariff No. B-2557, I. C. C. No. A-2217, or subsequent issues, via Council Bluffs, Iowa, Omaha, Nebr., Sioux Falls, S. Dak., Albert Lea, Minn., and the M. & St. L. R. R., or New Orleans, La.....	Current rates in effect to and from Chicago, Ill., subject to the following rates as minima, viz.: *Classes in cents per 100 pounds.* 1st: 35 2d: 25 3d: 18 4th: 14 5th: 13 6th or A: 12 7th or B: 10 8th or C: 8.65 9th or D: 6.91 10th or E: 6.22 Commodities, C. L. 6, L. C. L. 12½ cents per 100 lbs. MINIMUM CHARGE. The minimum charge on small shipments will be the same as applies to or from Chicago, Ill., but not less than 25 cents.

The Henry O. Shepard Co., printers, 212-214 Monroe st., Chicago.

*The letters in italic were stricken through with red ink in the original.

DEFENDANTS' EXHIBIT 160—PAGE 2.

ROUTING AND WAY-BILLING INSTRUCTIONS.

To and from stations on I. C. R. R.—Shipments will be way-billed through as follows:

All L. C. L. shipments via Chicago, Ill.

C. L., to and from Hillside, Ill., and west thereof, and Sublette, Ill., and north thereof, via Hawthorne, Ill.; to and from all other stations, via Riverdale, Ill.

To and from stations on C. O. & G. R. R., C. I. & D. Ry., C. C. R. R., Iowa Cent. Ry., K. C. & N. C. R. R., M. & D. Ry., M. & St. L. R. R., O. & St. L. R. R., W. & S. F. Ry. and their connections.—Route as provided in the foregoing paragraph and way-bill to and from Chicago, Hawthorne, or Riverdale, Ill., as the case may be, at proportions provided in special division sheet. I. C. R. R. agents at Chicago, Hawthorne, and Riverdale, Ill., will way-bill at the remainder of the through rate, routing in accordance with current instructions.

To and from stations on roads not included above.—Route via Chicago Hawthorne, or Riverdale, Ill., provided in first paragraph and as further provided in tariffs in connection with which this issue applies, way-billing to and from junctions with I. C. R. R's western connections. at the same proportions as allowed on tariff to and from Chicago, Ill.

Issued October 23, 1901. Taking effect October 28, 1901.

Issued by:

W. E. Keepers,
General Freight Agent,
I. C. R. R.,
Chicago, Ill.

F. B. Bowes,
General Freight Agent,
I. C. and Y. & M. V. R. Rs.,
Louisville, Ky.

W. M. Rhett,
General Freight Agent,
I. C. and Y. & M. V. R. Rs.,
New Orleans, La.

W. B. Barr,
General Freight Agent,
C. T. T. R. R. Co.,
Chicago, Ill.

(File H-23924.

DEFENDANTS' EXHIBIT 160-A.

(800)

Supplement No. 4 to Interstate Commerce Commission No. A-2591.
Cancels Supplement No. 3.

Supplement No. 4 to I. C. R. R. Tariff No. B-1840.
Cancels Supplement No. 3.
Supplements Nos. 1 and 4 in effect.

ILLINOIS CENTRAL RAILROAD COMPANY
(Northern and Western Lines),
ILLINOIS CENTRAL RAILROAD COMPANY, Agent,
THE YAZOO & MISSISSIPPI VALLEY RAILROAD CO.
and
CHICAGO TERMINAL TRANSFER RAILROAD CO.,
SOUTHERN RAILWAY, ST. LOUIS-LOUISVILLE LINES.

Supplement to joint freight tariff between stations on the Chicago Terminal Transfer R. R. and stations on the I. C. R. R., the Y. & M. V. R. R., and connections.

Amend above-described tariff as follows:

RATES ON L. C. L. SHIPMENTS TO AND FROM STATIONS ON SOUTHERN R'Y (ST. LOUIS-LOUISVILLE LINES).

Taking effect as below, rates provided in tariff on less than carload shipments will apply to and from stations on the Southern R'y-St. Louis-Louisville lines.

WAY-BILLING INSTRUCTIONS.

To and from stations west of Browns, Ill., way-bill through via Chicago and Centralia, Ill.

To and from stations east of Browns, Ill., way-bill through via Chicago and Browns.

APPLICATION OF RATES TO AND FROM EAST CHICAGO, IND., ON L. C. L. TRAFFIC.

Rates as provided in tariff will apply on L. C. L. shipments to and from East Chicago, Ind.

APPLICATION OF RATES ON PETROLEUM AND ITS OIL PRODUCTS, C. L., AND EMPTY BARRELS, C. L., TO AND FROM WHITING, IND.

Except where other authorized tariffs provide lower rates, the rates on petroleum and its oil products, C. L., and empty barrels, C. L., to and from Whiting, Ind., will be the same as to and from Chicago, Ill.

Issued May 12, 1902. Taking effect May 17, 1902.

W. E. KEEPERS,
General Freight Agent,
I. C. R. R.,
Chicago, Ill.

F. B. BOWES,
General Freight Agent,
I. C. R. R.,
Louisville, Ky.

W. M. RHETT,
General Freight Agent,
I. C. R. R.,
New Orleans, La.

W. B. BARR,
General Freight Agent,
C. T. T. R. R.,
Chicago, Ill.

(File H-23924.) (File K-8311—Oil and bbls.) (File J-20350—Sou. R'y.)

The Henry O. Shepard Co., Printers and Binders, Chicago.

Received
Apr. 20, 1903.
Ans.
H. E. Felton.

DEFENDANTS' EXHIBIT 160-B.

(1500) Supplement No. 6 to Interstate Commerce Commission No. A-2591.
Cancels Supplement No. 5.

Supplement No. 6 to I. C. R. R. tariff No. B-1840.
Cancels Supplement No. 5 and includes all changes.
ILLINOIS CENTRAL RAILROAD COMPANY
(Northern and Western Lines),
THE YAZOO & MISSISSIPPI VALLEY RAILROAD CO.,
and

Chicago Terminal Transfer Railroad Co.,
Choctaw, Oklahoma & Gulf Railroad,
Crooked Creek Railroad,
Great Northern Railway,
Iowa Central Railway,
Missouri, Kansas & Texas Railway,
Missouri Pacific Railway,
Boone, Rockwell City & Northwestern Railway,
St. Louis & San Francisco Railroad,
St. Louis South-Western Railway,
Southern Pacific Company (Atlantic System),
Southern Railway (St. Louis-Louisville Lines),
Texas & Pacific Railway,
The Minneapolis & St. Louis Railroad Co.
Union Pacific Railroad,
Vicksburg, Shreveport & Pacific Railroad,
Willmar & Sioux Falls Railway.

Supplement to joint freight tariff between stations on the Chicago Terminal Transfer Railroad and stations on the I. C. R. R., the Y. & M. V. R. R., and connections.

Amend above-described tariff as follows:

Between—	And—	Rates.
Stations on C. T. T. R. R. Co. All stations shown in tariff....	Stations on Southern Railway in Illinois, as shown in I. C. R. R. Tariff No. A-8651, I. C. C. A-3622, or subsequent issues. (File J-20350.)	Rates on L. C. L. traffic as shown in tariff will apply.
East Chicago..... .....Ind..	Stations on I. C. R. R. and connections as provided in tariff.	Rates on both C. L. and L. C. L. traffic as per tariff will apply.

APPLICATION OF RATES ON PETROLEUM AND ITS OIL PRODUCTS, C. L., AND EMPTY BARRELS, C. L., TO AND FROM WHITING, IND.

Except where other authorized tariffs provide lower rates, the rates on petroleum and its oil products, C. L., and empty barrels, C. L., to and from Whiting, Ind., will be the same as to and from Chicago, Ill. (File K-8311.)

CANCELLATION OF RATES VIA CHICAGO, IOWA & DAKOTA RY. (NOW C. & N.-W. RY.)

The application of rates between stations on the C. T. T. R. R. and stations on C. I. & D. Ry. have been withdrawn and canceled. (File J-30060.)

CANCELLATION OF RATES TO AND FROM WEST PULLMAN, ILL.

Taking effect as shown below, the rates applying to and from West Pullman, Ill., will be withdrawn and canceled. No through rates in effect via C. T. T. Co.

Issued October 3, 1903. Taking effect October 15, 1903.

W. E. KEEPERS,
General Freight Agent, I. C. R. R., Chicago, Ill.

C. C. CAMERON,
General Freight Agent, I. C. R. R., Louisville, Ky.

W. M. RHETT,
General Freight Agent, I. C. R. R., New Orleans, La.

W. B. BARR,
General Freight Agent, C. T. T. R. R., Chicago, Ill.

(File H-23924.)

(4185—9-30-03)

Received
Jan. 22, 1906.
Ans.
H. E. Felton.

32555—VOL 18—09——35

DEFENDANTS' EXHIBIT 160-C.

(1500) Supplement No. 15 to Interstate Commerce Commission No. A-2591.
Cancels Supplements Nos. 6, 12, 13, and 14.

Supplement No. 15 to I. C. R. R. Tariff No. B-1840.
Cancels Supplements Nos. 6, 12, 13, and 14 and includes all changes.

ILLINOIS CENTRAL RAILROAD COMPANY
(Northern and Western Lines)

THE YAZOO & MISSISSIPPI VALLEY RAILROAD CO.

CHICAGO TERMINAL TRANSFER RAILROAD CO.

RECEIVED
Nov 3 1906
H. E. F.

and

Chicago, Rock Island & Pacific Ry. (Choctaw District),
Crooked Creek Railroad,
Great Northern Railway,
Iowa Central Railway,
Missouri, Kansas & Texas Railway,
Missouri Pacific Railway,
Newton & Northwestern Railway,
St. Louis & San Francisco Railroad,
St. Louis South-Western Railway,
Southern Pacific Co. (Atlantic System),
Southern Railway (St. Louis-Louisville Lines),
Texas & Pacific Railway,
The Minneapolis & St. Louis Railroad Co.,
Union Pacific Railroad,
Vicksburg, Shreveport & Pacific Railroad,
Willmar & Sioux Falls Railway.

Supplement to joint freight tariff between stations on the Chicago Terminal Transfer Railroad and stations on the I. C. R. R., The Y. & M. V. R. R. and connections.

Amend above-described tariff as follows:

MINIMUM RATES.

Chicago rates as authorized in the above-described tariff to apply from and to stations on the Chicago Terminal Transfer R. R. are subject to the following rates as minima:

Rates in cents per 100 pounds.

Classes.										Iron and steel articles.	Brick, from and to Blue Island only.	Commodities, N. O. S.	
1	2	3	4	5	6 or A	7 or B	8 or C	9 or D	10 or E	C. L.	C. L.	C. L.	L. C. L.
29.3	24.1	19.5	14.3	11.4	11.2	10.7	8.4	6.7	6.0	5	5	6	12½

(File QV-2975-15.) (BR-968-565.)

BASIS FOR RATES FROM AND TO EAST CHICAGO, IND.

Add East Chicago, Ind., to list of stations on the Chicago Terminal Transfer R. R. from and to which basis for rates named in the above-described tariff will apply. (File H-23924.)

APPLICATION OF RATES ON PETROLEUM AND ITS OIL PRODUCTS, C. L., AND EMPTY BARRELS, C. L., TO AND FROM WHITING, IND.

Except where other authorized tariffs provide lower rates the rates on petroleum and its oil products, C. L., and empty barrels, C. L., to and from Whiting, Ind., will be the same as to and from Chicago, Ill. (File K-8311.)

CANCELLATION OF RATES VIA CHICAGO, IOWA & DAKOTA RY. (NOW C. & N.-W. RY.)

The application of rates between stations on the C. T. T. R. R. and stations on C. I. & D. Ry. have been withdrawn and canceled. (File J-30060.)

CANCELLATION OF RATES ON LESS THAN CARLOAD TRAFFIC.

The application of rates on less than car-load business has been withdrawn and canceled, leaving no through rates in effect on L. C. L. freight in connection with the C. T. T. R. R. (File QV-3301-658.)

CANCELLATION OF RATES TO AND FROM WEST PULLMAN AND SOUTH CHICAGO, ILL.

The rates applying to and from West Pullman and South Chicago, Ill., were withdrawn and canceled, effective October 15, 1903, and March 20, 1906, respectively. No through rates in effect via C. T. T. Co.

Cancel all rates to and from Cape Girardeau, Mo. This company has discontinued service to and from that point. (File 0-312.)

Chicago rates authorized in above-described tariff will also apply in connection with I. C. R. R. Tariffs Nos. B-13322, I. C. C. No. A-5088, E-15132, I. C. C. No. A-5705 and B-15050, I. C. C. No. A-5642.

Issued October 24, 1906. Taking effect November 25, 1906.

W. E. KEEPERS,
General Freight Agent, I. C. R. R., Chicago, Ill.

D. W. LONGSTREET,
General Freight Agent, I. C. R. R., Louisville, Ky.

R. C. PERKINS,
General Freight Agent, I. C. and Y. & M. V. R. R's, New Orleans, La.

W. B. BARR,
General Freight Agent, C. T. T. R. R. Co., Chicago, Ill.

The Henry O. Shepard Co., Printers, Chicago. (35829)

DEFENDANTS' EXHIBIT 161.

Comparative statement of rates between Chicago and East St. Louis, and between Cleveland and Cincinnati, and computation of rate per ton per mile:

	Chicago-E. St. Louis rate.[a]	Rate per ton per mile, Chicago-E. St. Louis.[b]	Cleveland - Cincinnati rate.	Rate per ton per mile Cleveland-Cincinnati.[c]	% of excess in rate per ton per mile, Ohio over Illinois.	Tariff authority: Cleveland - Cincinnati, C. C. C. & St. L. R. R. tariffs.	
						I. C. C. No.	Effective date.
Asphalt	6	.43	9	.74	72%	3961	10/10/07
Brick, building	5	.35	1.50 (net ton)	.61	74%	2950	8/28/06
Coal tar	6½	.46	9	.74	61%	3961	10/10/07
Glucose (tank cars)	6	.43	13	1.06	146%	1676	1/ 1/03
Grain (orig. beyond)	6	.43	.....	.....	62%	.....	.....
Grits, corn meal, etc	7	.50	.....	.....	40%	.....	.....
Oat meal, rolled oats	8	.57	.....	.....	23%	.....	.....
Grain Grits, corn meal, etc Oat meal, rolled oats	.....	.....	8½	.70	.....	3938	10/16/07
Manufactured iron	10	.70	13	1.06	51%	1676	1/ 1/03
Lumber	8	.57	10	.82	44%	1676	1/ 1/03
Malt	7	.50	8½	.70	40%	2938	10/16/07
Cotton and linseed oil	[illegible]	.57	13	1.06	86%	1676	1/ 1/03
Packing-house products	10	.70	13	1.06	51%	1676	1/ 1/03
Earth paint	6½	.46	10	.82	78%	1676	1/ 1/03
Rosin	6½	.46	10	.82	78%	1676	1/ 1/03
Starch	8	.57	8½	.70	23%	2938 2667	10/16/07 4/10/06
Dried peas, beans	8	.57	.....	.....	.....	.....	.....
Dried beans	.....	.....	13	1.06	86%	1676	1/ 1/03
Dried peas, coarse, in bulk	.....	.....	10	.82	44%	1676	1/ 1/03
Dried peas in boxes, barrels, or sacks	.....	.....	13	1.06	86%	1676	1/ 1/03
Syrup and sugar	9	.64	13	1.06	65%	1676	1/ 1/03
Vinegar	9	.64	13	1.06	65%	1676	1/ 1/03

[a] The authority for the Chicago-East St. Louis rates is Chicago & St. Louis Traffic Association tariff I. C. C. 25, effective Sept. 10th, 1906.
[b] Chicago-East St. Louis mileage 281.
[c] Cleveland-Cincinnati, Big Four, mileage 244.

DEFENDANTS' EXHIBIT 162.

Further statement of other low rates between Chicago and East St. Louis on various commodities shown in Chicago and St. Louis Traffic Association tariff I. C. C. No. 5.

Cattle [a]	$23.00 per car.
Corn meal, meal feed, etc	.07 per cwt.
Cotton-seed oil in tank cars	.08 " "
Linseed oil " " "	.08 " "
Lard oil in carloads	.10 " "
Glycerine	.08 " "

[a] This rate at 30,000 lbs. per car is the equivalent of 7⅔c. per cwt. on live stock for a haul of 281 miles.

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